ICOM

SERVICE MANUAL

HF/VHF/UHF TRANSCEIVER

IC-9100

S-14721XZ-C1
Jun. 2011

Icom Inc.

INTRODUCTION

This service manual describes the latest technical information for the **IC-9100** HF/VHF/UHF TRANSCEIVER, at the time of publication.

MODEL	VERSION
IC-9100	[USA]
	[EUR]
	[EUR-01]
	[ITR]
	[ESP]
	[TPE]
	[KOR]
	[CHN]
	[FRA]
	[EXP]

CAUTION

NEVER connect the transceiver to an AC outlet or to a DC power supply that uses more than the specified voltage. This will ruin the transceiver.

DO NOT expose the transceiver to rain, snow or any liquids.

DO NOT reverse the polarities of the power supply when connecting the transceiver.

DO NOT apply an RF signal of more than 20 dBm (100 mW) to the antenna connector. This could damage the transceiver's front-end.

To upgrade quality, any electrical or mechanical parts and internal circuits are subject to change without notice or obligation.



ORDERING PARTS

Be sure to include the following four points when ordering replacement parts:

1. 10-digit Icom part number
2. Component name
3. Equipment model name and unit name
4. Quantity required

<ORDER EXAMPLE>

1110003491	S.IC	TA31136FNG	IC-9100	MAIN UNIT	5 pieces
8820001210	Screw	2438 screw	IC-9100	Top cover	10 pieces

Addresses are provided on the inside back cover for your convenience.

REPAIR NOTES

1. Make sure that the problem is internal before disassembling the transceiver.
2. **DO NOT** open the transceiver until the transceiver is disconnected from its power source.
3. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
4. **DO NOT** short any circuits or electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the transceiver is defective.
6. **DO NOT** transmit power into a Standard Signal Generator or a Sweep Generator.
7. **ALWAYS** connect a 50 dB to 60 dB attenuator between the transceiver and a Deviation Meter or Spectrum Analyzer, when using such test equipment.
8. **READ** the instructions of the test equipment throughly before connecting it to the transceiver.

TABLE OF CONTENTS

■ General

- Frequency coverage : (unit: MHz)
  - Receive
    - 0.030–60.000*[1]*[2]
    - 136.000–174.000*[1]*[2]
    - 420.000–480.000*[1]*[2]
    - 1240.000–1320.000†
  - Transmit
    - 1.800–1.999*[2], 3.500–3.999*[2],
    - 5.330500*[3], 5.346500*[3], 5.366500*[3],
    - 5.371500*[3], 5.403500*[3],
    - 7.000–7.300*[2], 10.100–10.150*[2],
    - 14.000–14.350*[2], 18.068–18.168*[2],
    - 21.000–21.450*[2], 24.890–24.990*[2],
    - 28.000–29.700*[2], 50.000–54.000*[2]
    - 144.000–148.000*[2], 430.000–450.000*[2]
    - 1240.000–1300.000†

    *[1]Some frequency bands are not guaranteed.
    *[2]Depending on version. *[3]USA version only. USB mode only.
- Mode : USB, LSB, CW, RTTY, AM, FM, DV*
  *The optional UT-121 is required.
- No. of memory channels : 297CH (99CH × 3 band) (396CH with UX-9100‡; 99CH × 4 bands)
- No. of scan edge memory channels : 18CH (6 × 3 band) (24CH with UX-9100‡; 6CH × 4 bands)
- No. of call channels : 3CH (1 × 3 band) (4CH with UX-9100‡; 1CH × 4 bands)
- No. of Satellite memory channels : 20CH
- Antenna connector : SO-239 × 3
  Type-N × 2*
  *When the optional UX-9100 is installed.
- Antenna impedance : 50 Ω (at Antenna Tuner OFF)
- Usable temperature range : 0˚C to +50˚C (+32˚F to +122˚F)
- Frequency stability : Less than ±0.5 ppm 5 min. after power ON. (0˚C to +50˚C; +32˚F to +122˚F)
- Frequency resolution : 1 Hz
- Power supply : 13.8 V DC ±15% (negative ground)
- Power consumption
  - Transmit
    - Max. power : 24.0 A (HF/50/144/430 MHz band)
      11.0 A (1200 MHz band)†
  - Receive
    - Standby : 3.0 A (HF/50/144/430 MHz band)
      4.0 A (1200 MHz band)†
    - Max. audio : 4.5 A (HF/50/144/430 MHz band)
      5.5 A (1200 MHz band)†
- Dimensions (projections not included) : 315(W) × 116(H) × 343(D) mm
  12.4(W) × 4.57(H) × 13.5(D) in
- Weight (approximately) : 11.0 kg; 24.2 lb
  11.95 kg; 26.3 lb (with UX-9100)
- ACC connector : 13-pin
- CI-V connector : 2-conductor 3.5 (d) mm (⅛″)

■ Transmitter

- Output power (continuously adjustable)

Frequency band	Output power
HF/50 MHz	2 to 100 W (AM: 2 to 30 W)*
144 MHz	2 to 100 W
430 MHz	2 to 75 W
1200 MHz†	1 to 10 W

(at 13.8 V DC/+25˚C)

* In the AM mode, transmission can be performed only on the HF/50 MHz frequency band.

- Modulation system
  - SSB : Digital PSN modulation
  - AM : Digital Low power modulation
  - FM : Digital Phase modulation
  - DV* : GMSK Digital Phase modulation

  *The optional UT-121 is required.
- Spurious emission
  - (Spurious domain)
    - HF bands : Less than –50 dB
    - 50/144 MHz band : Less than –63 dB
    - 430 MHz band : Less than –61.8 dB
    - 1200 MHz band† : Less than –53 dB
  - (Out-of-band domain)
    - HF bands : Less than –40 dB
    - 50/144/430 MHz band : Less than –60 dB
    - 1200 MHz band† : Less than –50 dB
- Carrier suppression : More than 40 dB
- Unwanted sideband suppression : More than 55 dB
  (1200 MHz: More than 40 dB)†
- ⊿TX variable range : ±9.999 kHz
- Microphone connector : 8-pin connector
- Microphone impedance : 600 Ω
- ELEC-KEY connector : 3-conductor 6.35(d) mm (¼″)
- KEY connector : 3-conductor 6.35(d) mm (¼″)
- SEND connector : Phono jack (RCA)
- ALC connector : Phono jack (RCA)

† The optional UX-9100 is required for 1200 MHz frequency band operation.
‡ Only when the 1200 MHz frequency band is selected.

■ Receiver

- Receive system
  HF/50/144/430 MHz band: Double superheterodyne system
  1200 MHz band† : Triple superheterodyne system
- Intermediate frequencies
  1st : 64.455 MHz (HF/50 MHz band)
  10.850 MHz (144 MHz band)
  71.250 MHz (430 MHz band)
  243.950 MHz (1200 MHz band)†
  2nd : 36 kHz (HF/50/144/430 MHz)
  10.950 MHz (1200 MHz)†
  3rd : 36 kHz (1200 MHz)†
- Sensitivity
  SSB, CW : 0.16 μV (1.80–29.99 MHz)*1
  (10 dB S/N) BW=2.4 kHz 0.13 μV (50.0–54.0 MHz)*2
  0.11 μV (144/430/1200† MHz)
  AM (10 dB S/N) : 12.6 μV (0.5–1.799 MHz)*1
  BW=6 kHz 2.0 μV (1.80–29.99 MHz)*1
  1.6 μV (50.0–54.0 MHz)*2
  1.4 μV (144/430 MHz)
  FM (12 dB SINAD) : 0.5 μV (28.0–29.7 MHz)*1
  BW=15 kHz 0.32 μV (50.0–54.0 MHz)*2
  0.18 μV (144/430/1200† MHz)
  DV (1% BER) : 1.0 μV (28.0–29.7 MHz)*1
  CH Space=12.5 kHz 0.63 μV (50.0–54.0 MHz)*2
  0.35 μV (144/430/1200† MHz)
- Squelch sensitivity

Frequency band	Squelch sensitivity
HF	SSB : Less than 5.6 μV*1
	FM : Less than 0.3 μV*1
50 MHz	SSB : Less than 5.6 μV*2
	FM : Less than 0.3 μV*2
144/430 MHz	SSB : Less than 1.0 μV
	FM : Less than 0.18 μV
1200 MHz†	SSB : Less than 1.0 μV
	FM : Less than 0.18 μV

*1 Preamp 1 is ON. *2 Preamp 2 is ON.

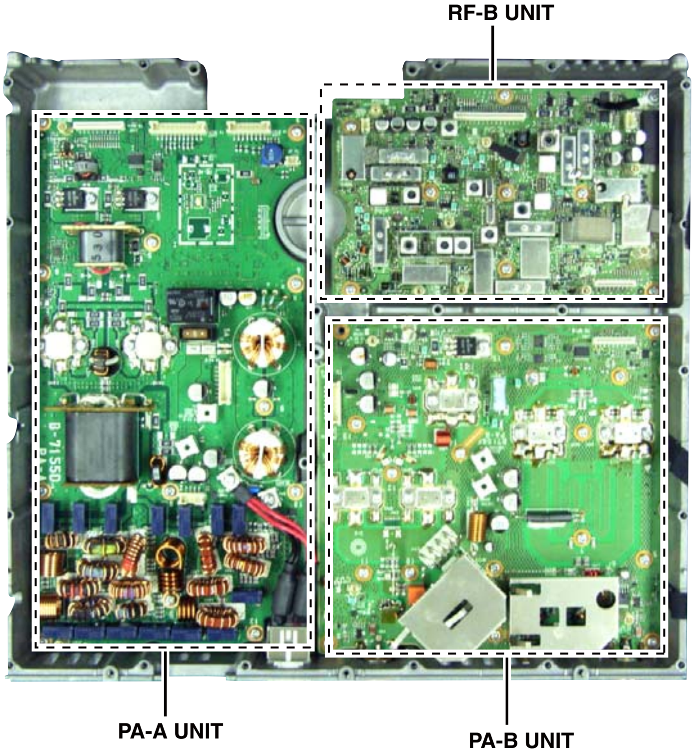
- Selectivity (IF filter shape is set to SHARP.)
  SSB (BW: 2.4 kHz) : More than 2.4 kHz/–6 dB
  Less than 3.4 kHz/–40 dB
  CW (BW: 500 Hz) : More than 500 Hz/–6 dB
  Less than 700 Hz/–40 dB
  RTTY (BW: 500 Hz) : More than 500 Hz/–6 dB
  Less than 800 Hz/–40 dB
  AM (BW: 6 kHz) : More than 6.0 kHz/–6 dB
  Less than 10.0 kHz/–40 dB
  FM (BW: 15 kHz) : More than 12.0 kHz/–6 dB
  Less than 22.0 kHz/–40 dB
  DV (CH space: 12.5 kHz): More than –50 dB
- Spurious and image rejection ratio
  HF/50 MHz band* : More than 70 dB
  *except IF through on 50 MHz band
  144/430 MHz band : More than 60 dB
  1200 MHz band† : More than 50 dB
- AF output power : More than 2.0 W at 10%
  (at 13.8 V DC) distortion with an 8 Ω load
- AF output impedance : 8 Ω
- RIT variable range : ±9.999 kHz
- PHONES connector : 3-conductor 6.35 (d) mm (¼″)
- External SP connector : 2-conductor 3.5 (d) mm (⅛″)/8 Ω
- DSP ANF attenuation : More than 30 dB
  (with 1 kHz single tone)
- DSP MNF attenuation : More than 70 dB
- DSP NR attenuation : More than 6 dB
  (noise rejection in SSB)

■ Antenna tuner

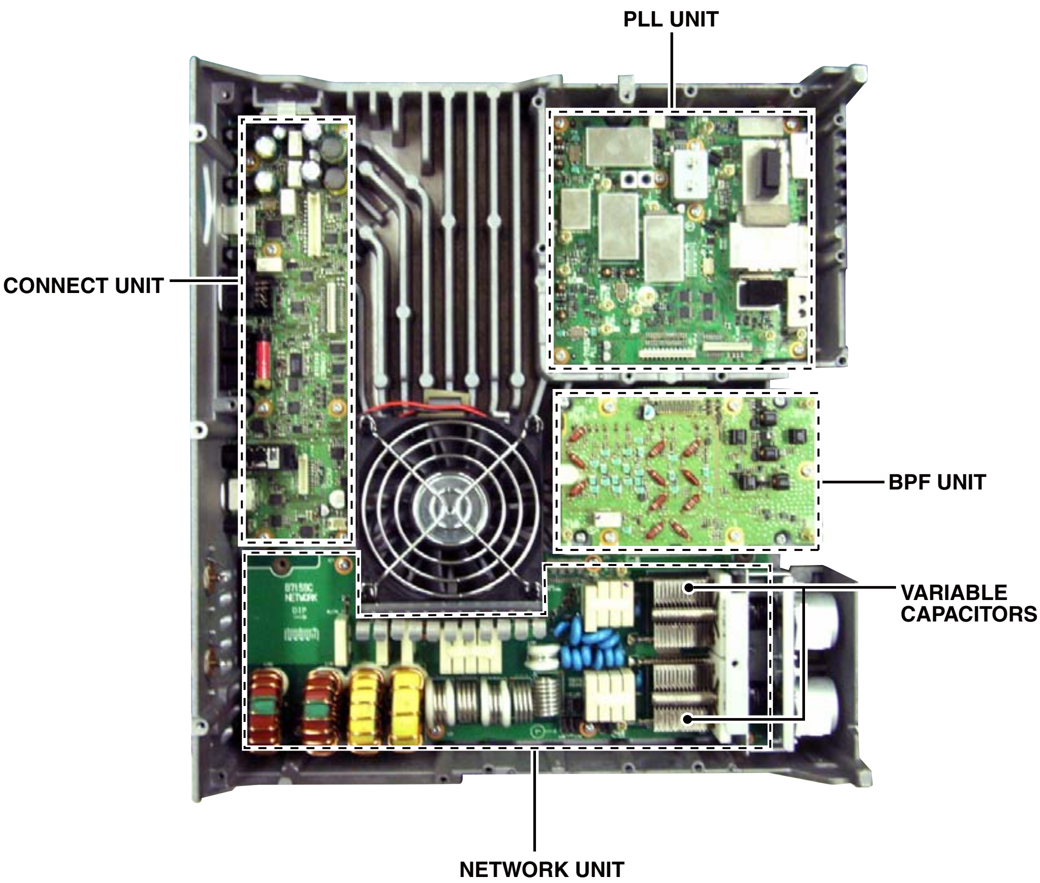
- Matching impedance range
  HF bands : 16.7 to 150 Ω unbalanced
  (Less than VSWR 1:3)
  50 MHz band : 20 to 125 Ω unbalanced
  (Less than VSWR 1:2.5)
- Minimum operating input power : 8 W (HF bands)
  15 W (50MHz band)
- Tuning accuracy : VSWR 1:1.5 or less
- Insertion loss : Less than 1.0 dB
  (after tuning at RF power 100 W)

All stated specifications are typical and subject to change without notice or obligation.

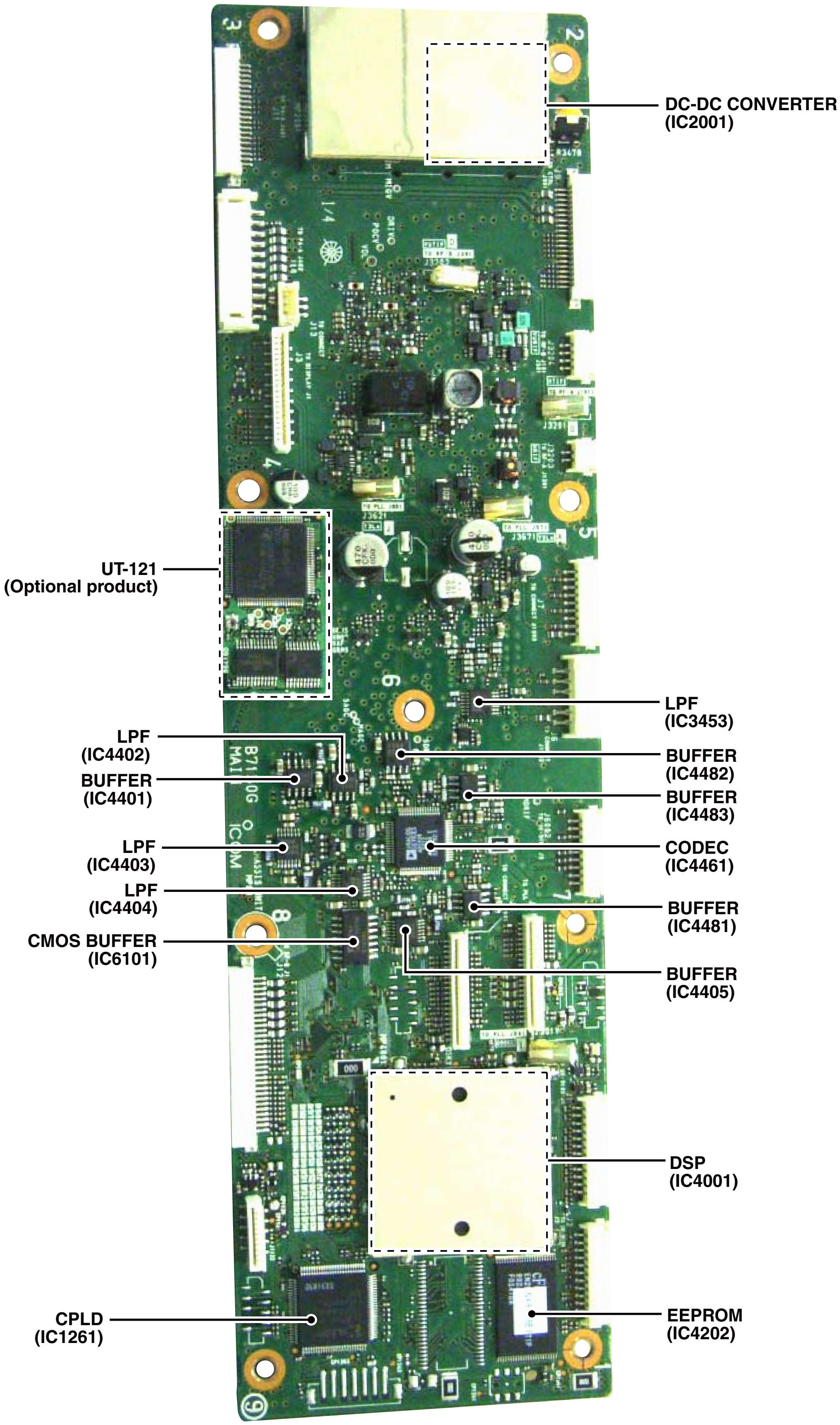
• THE VIEW FROM THE TOP OF CHASSIS



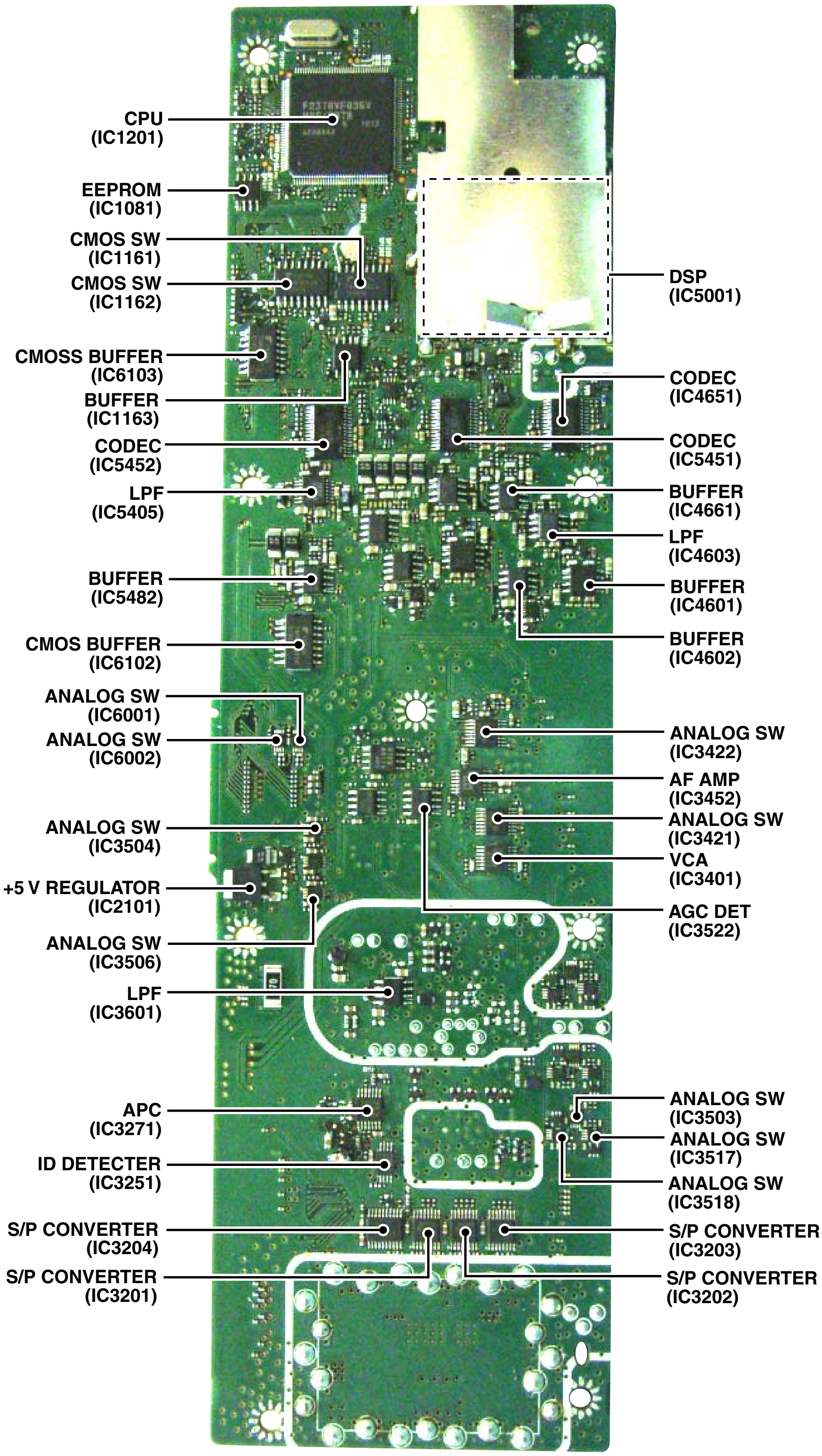
• THE VIEW FROM THE BOTTOM OF CHASSIS



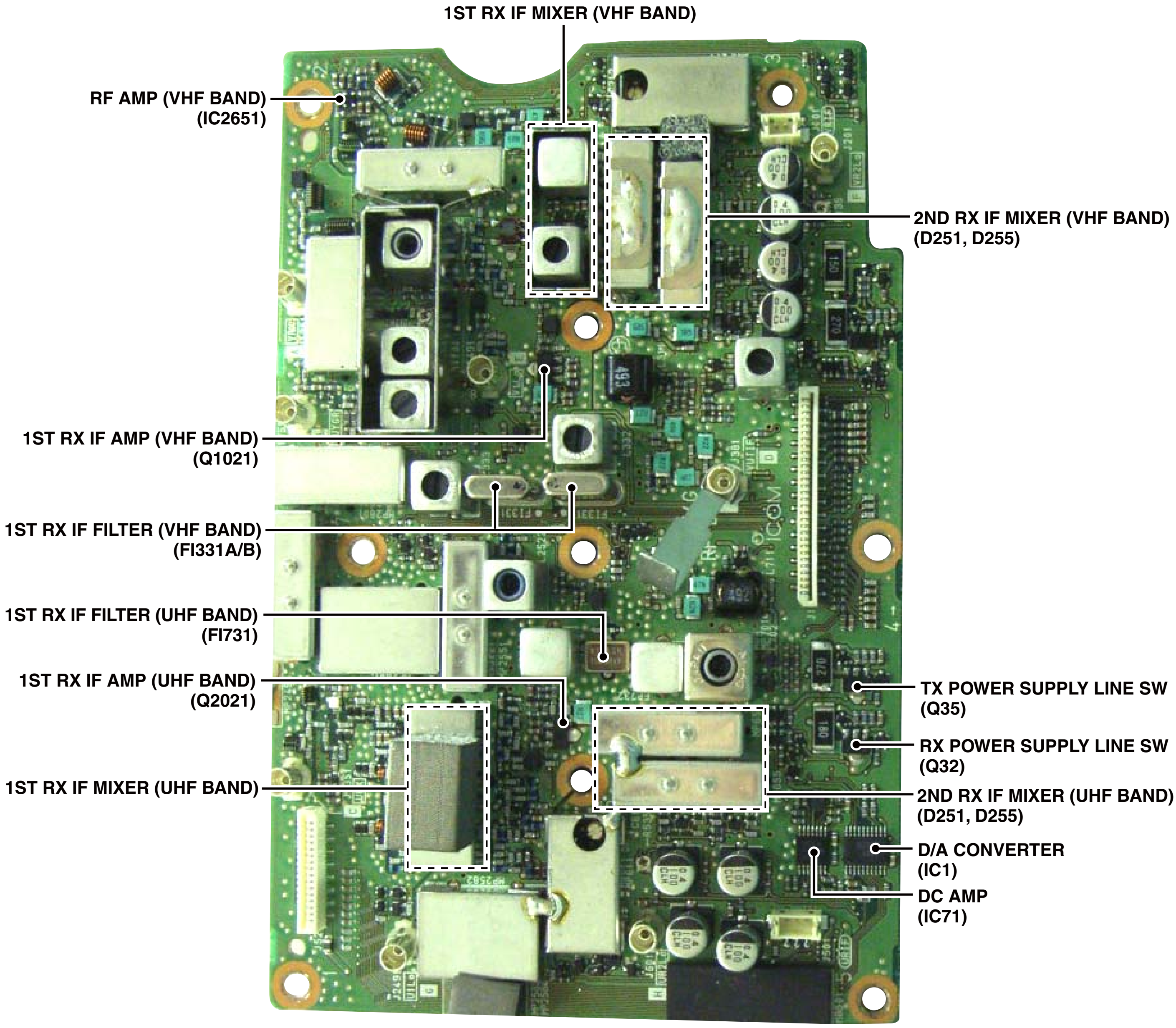
• MAIN UNIT
(TOP VIEW)



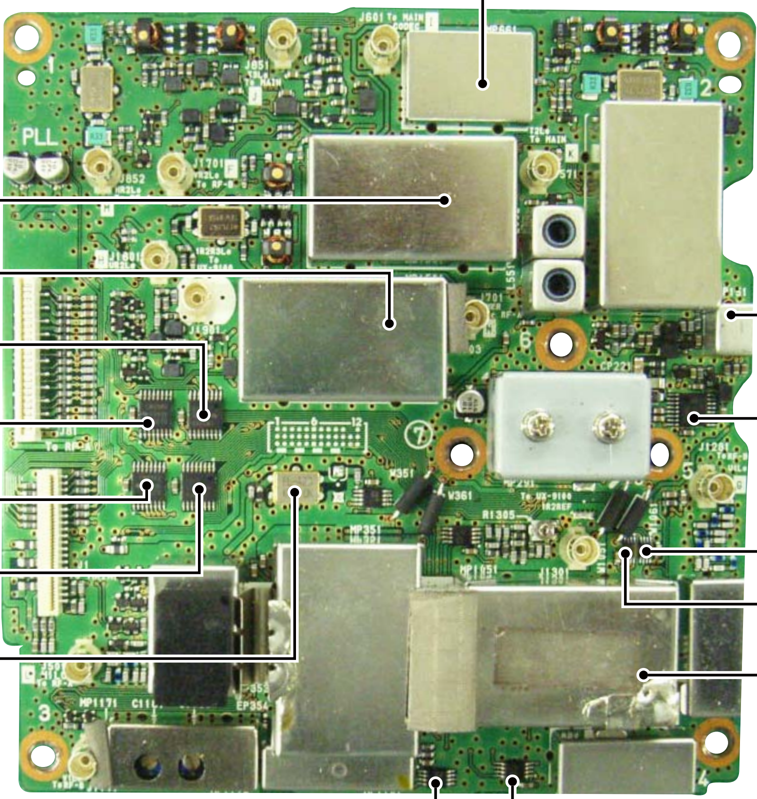
• **MAIN UNIT (BOTTOM VIEW)**



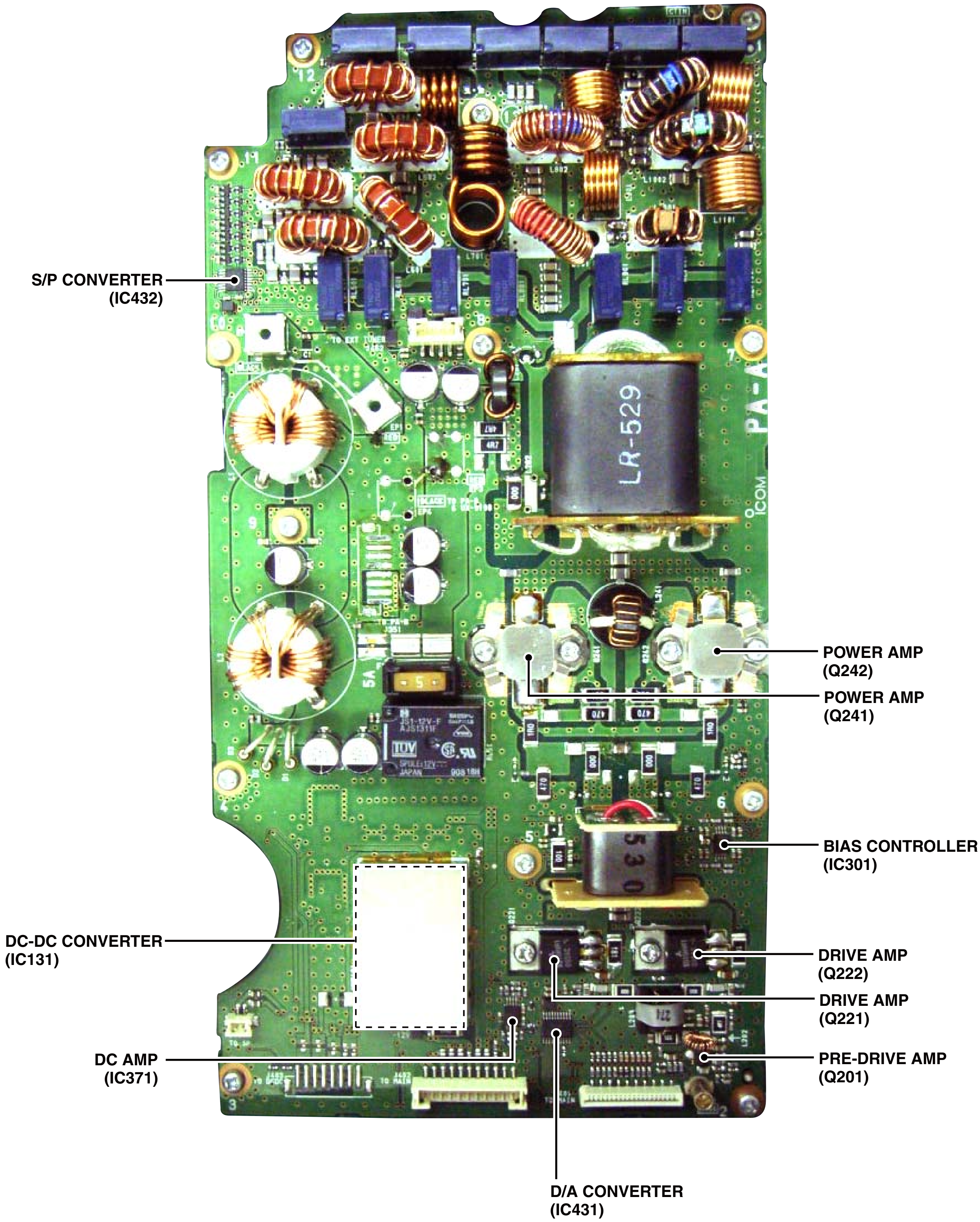
• **RF-B UNIT**


1ST RX IF MIXER (VHF BAND)
RF AMP (VHF BAND)
(IC2651)
2ND RX IF MIXER (VHF BAND)
(D251, D255)
1ST RX IF AMP (VHF BAND)
(Q1021)
1ST RX IF FILTER (VHF BAND)
(FI331A/B)
1ST RX IF FILTER (UHF BAND)
(FI731)
1ST RX IF AMP (UHF BAND)
(Q2021)
TX POWER SUPPLY LINE SW
(Q35)
RX POWER SUPPLY LINE SW
(Q32)
1ST RX IF MIXER (UHF BAND)
2ND RX IF MIXER (UHF BAND)
(D251, D255)
D/A CONVERTER
(IC1)
DC AMP
(IC71)

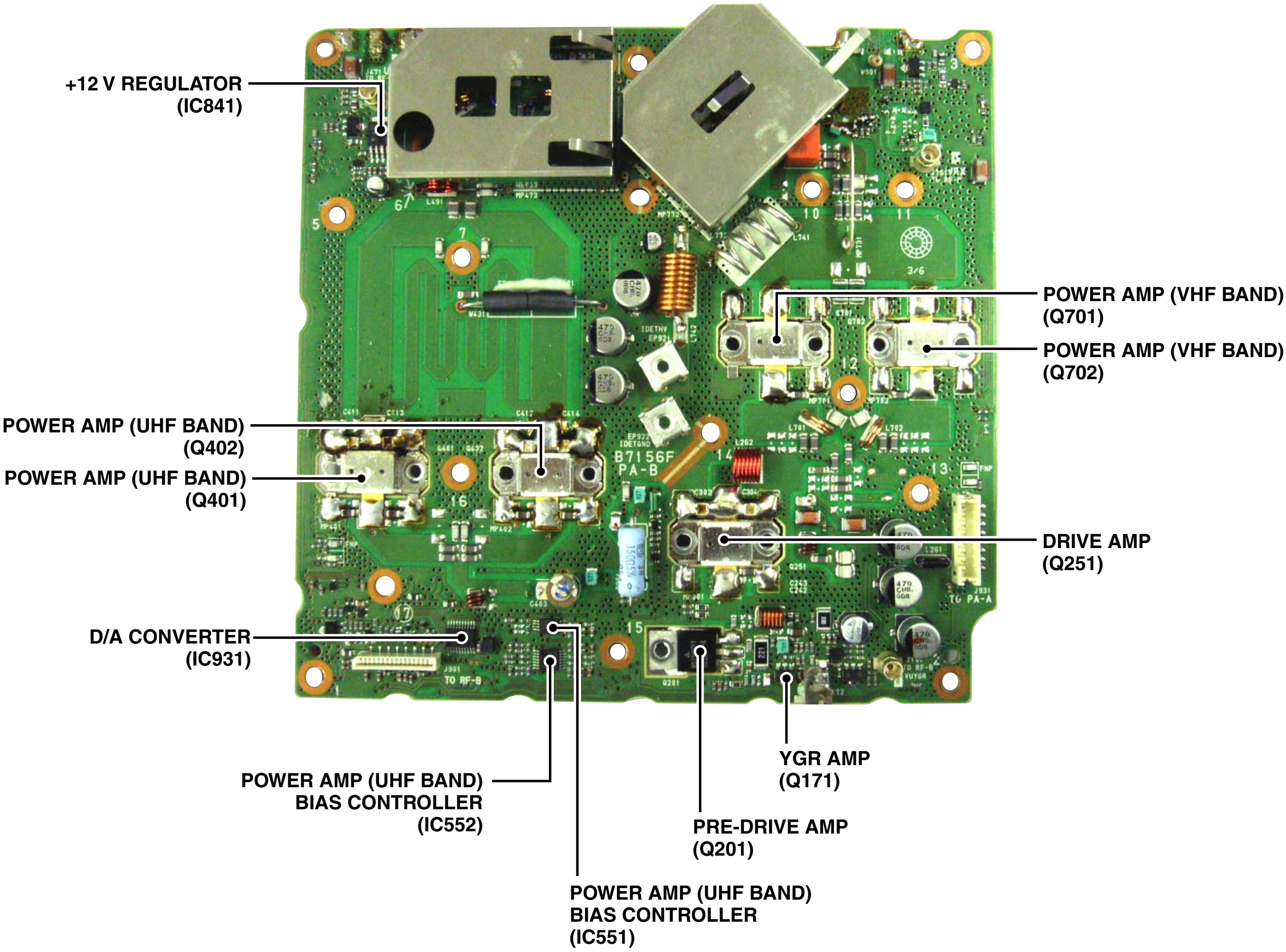
• PLL UNIT


PROGRAMMABLE CLOCK GENERATOR
(IC662)
DDS-A
(IC702)
DDS-B
(IC1502)
SERIAL-PARALLEL
CONVERTER
(IC1402)
SERIAL-PARALLEL
CONVERTER
(IC103)
SERIAL-PARALLEL
CONVERTER
(IC104)
SERIAL-PARALLEL
CONVERTER
(IC1401)
1ST TX/RX LO FILTER
(FI401)
32 MHz REFERENCE
FREQUENCY
OSCILLATOR
(X151)
PLL IC
(IC201)
LEVEL CONVERTOR
(IC1054)
LEVEL CONVERTOR
(IC1053)
DDS B
(IC1051)
ANALOG SW
(IC1454)
ANALOG SW
(IC1455)

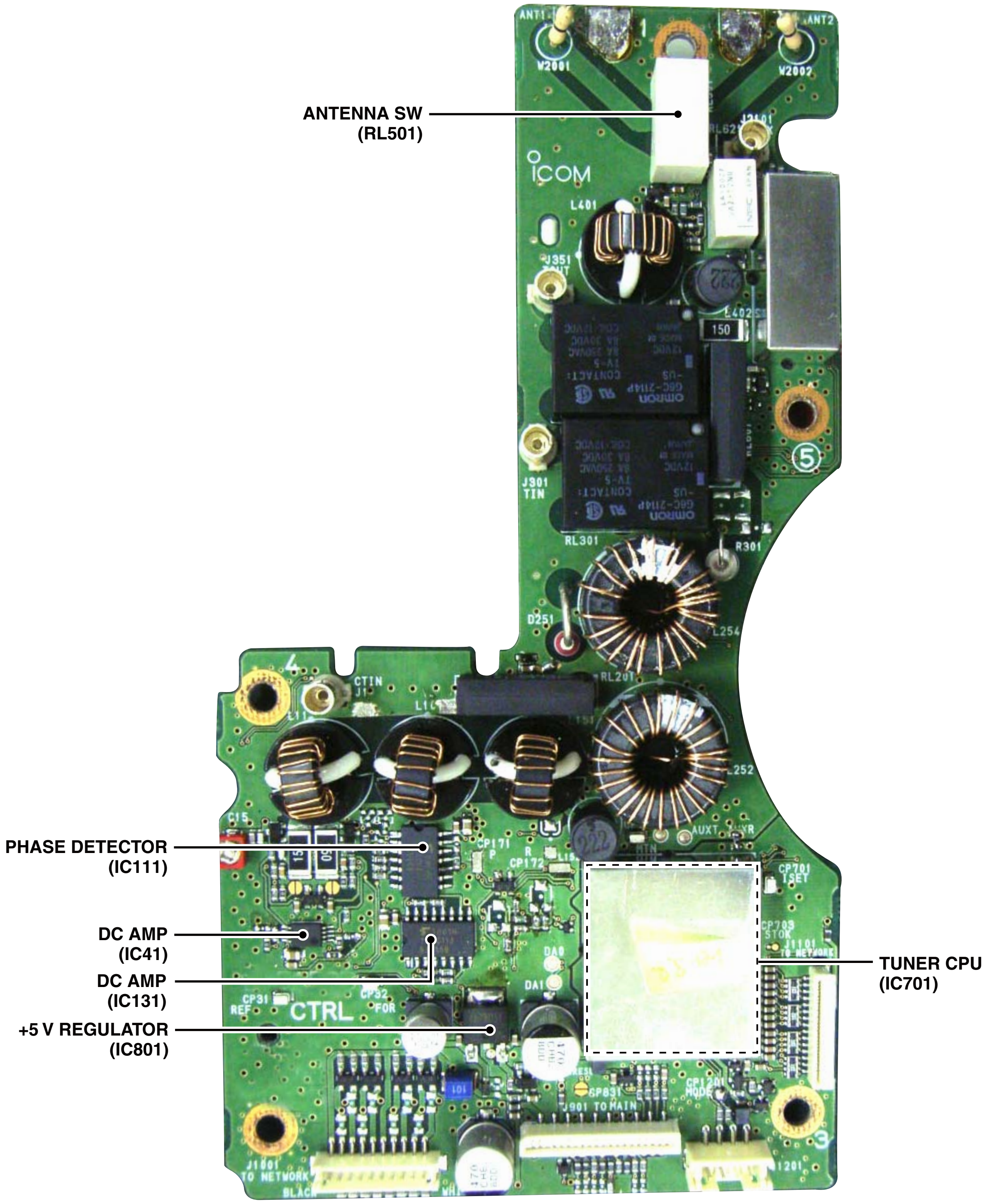
• **PA-A UNIT**


S/P CONVERTER
(IC432)
POWER AMP
(Q242)
POWER AMP
(Q241)
BIAS CONTROLLER
(IC301)
DC-DC CONVERTER
(IC131)
DRIVE AMP
(Q222)
DRIVE AMP
(Q221)
DC AMP
(IC371)
PRE-DRIVE AMP
(Q201)
D/A CONVERTER
(IC431)

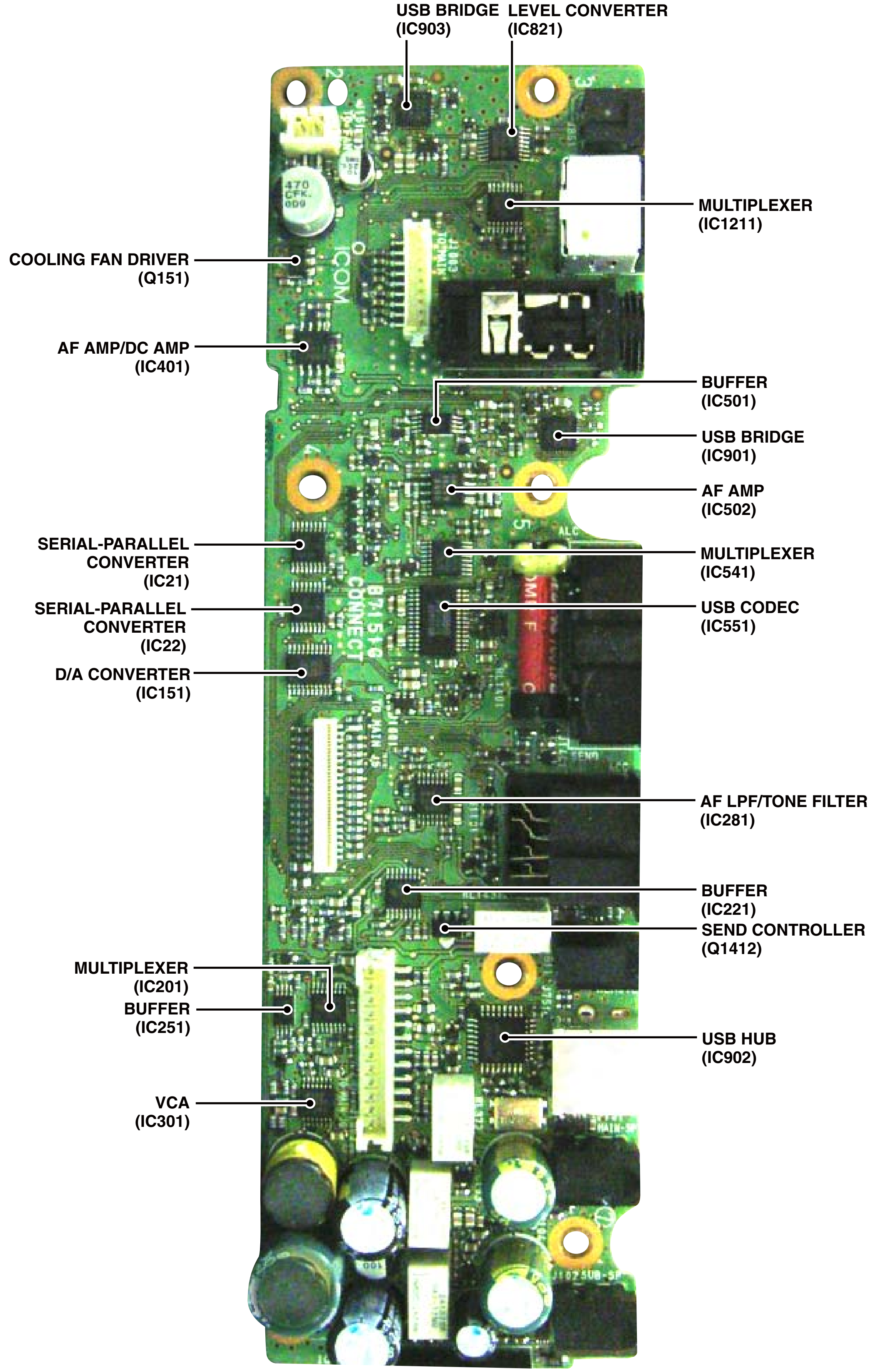
• PA-B UNIT


+12 V REGULATOR (IC841)
POWER AMP (VHF BAND) (Q701)
POWER AMP (VHF BAND) (Q702)
POWER AMP (UHF BAND) (Q402)
POWER AMP (UHF BAND) (Q401)
DRIVE AMP (Q251)
D/A CONVERTER (IC931)
YGR AMP (Q171)
POWER AMP (UHF BAND) BIAS CONTROLLER (IC552)
PRE-DRIVE AMP (Q201)
POWER AMP (UHF BAND) BIAS CONTROLLER (IC551)

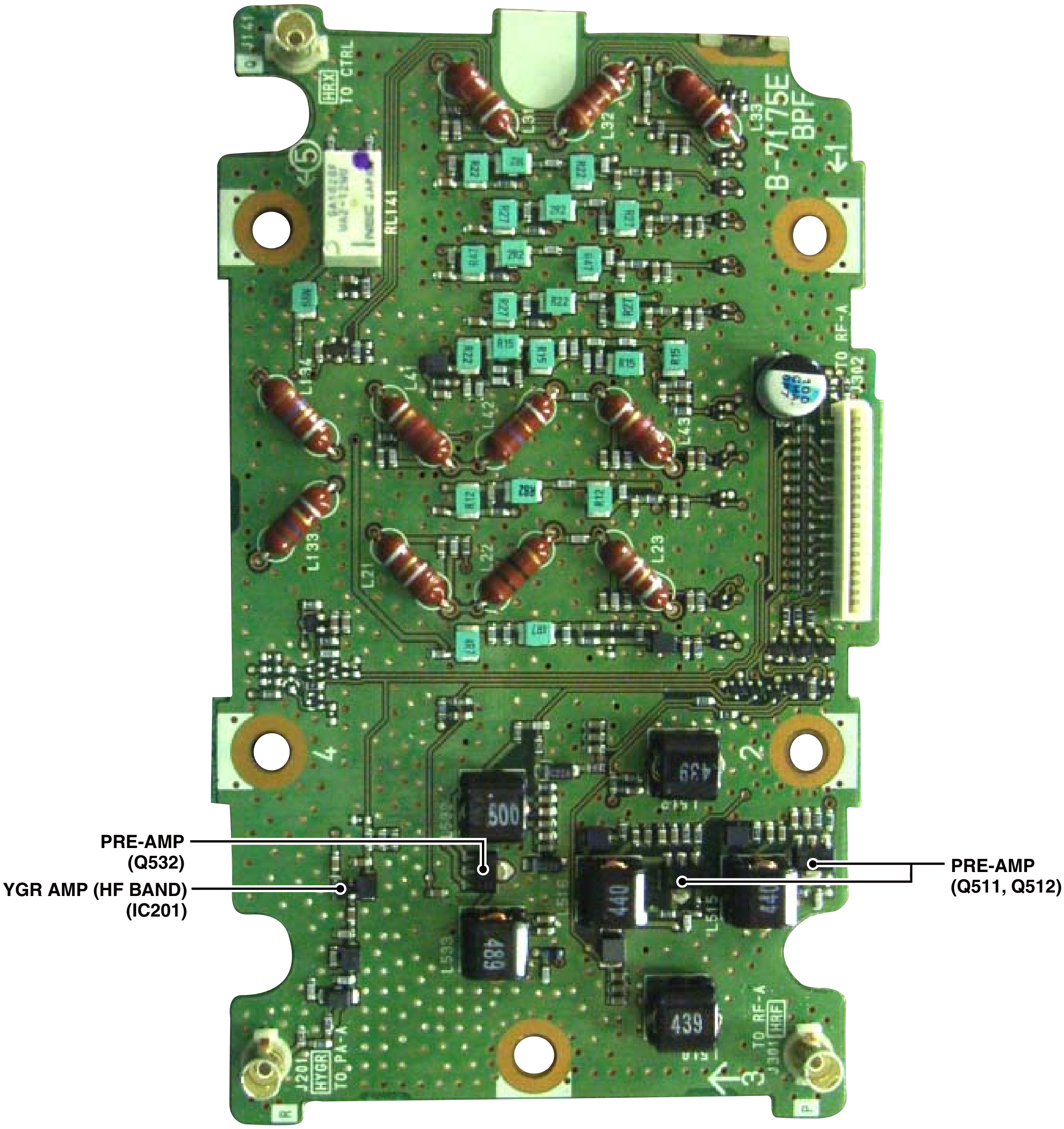
• **CTRL UNIT**


ANTENNA SW
(RL501)
PHASE DETECTOR
(IC111)
DC AMP
(IC41)
DC AMP
(IC131)
+5 V REGULATOR
(IC801)
TUNER CPU
(IC701)

• CONNECT UNIT



• **BPF UNIT**



3-1 RECEIVER CIRCUITS

HF RF CIRCUITS

ANTENNA SWITCHING CIRCUITS (CTRL UNIT)

RX signal from the antenna connector [ANT1] (J1) or [ANT2] (J2) is passed through the antenna switch (RL501), current detector (D401, L401), tuner switches (RL301 and RL351), RX line switches (RL601 and RL621) and LPF, and then applied to the BPF UNIT.

ATTENUATOR CIRCUITS (BPF UNIT)

The RX signal from the CTRL UNIT is passed through or bypassed the attenuator circuit (RL141, R141–R143), depending on the setting.

The RX signal, which is passed though or bypassed the attenuator circuit (RL141, R141–R143), is applied to the BPF circuits.

BPF CIRCUITS (BPF UNIT)

The RX signal from the attenuator circuits is passed through an LPF or one of BPFs, depending on the operating frequency, to remove unwanted out-of-band signals.

The filtered RX signal is applied to or bypassed the preamplifier circuits.

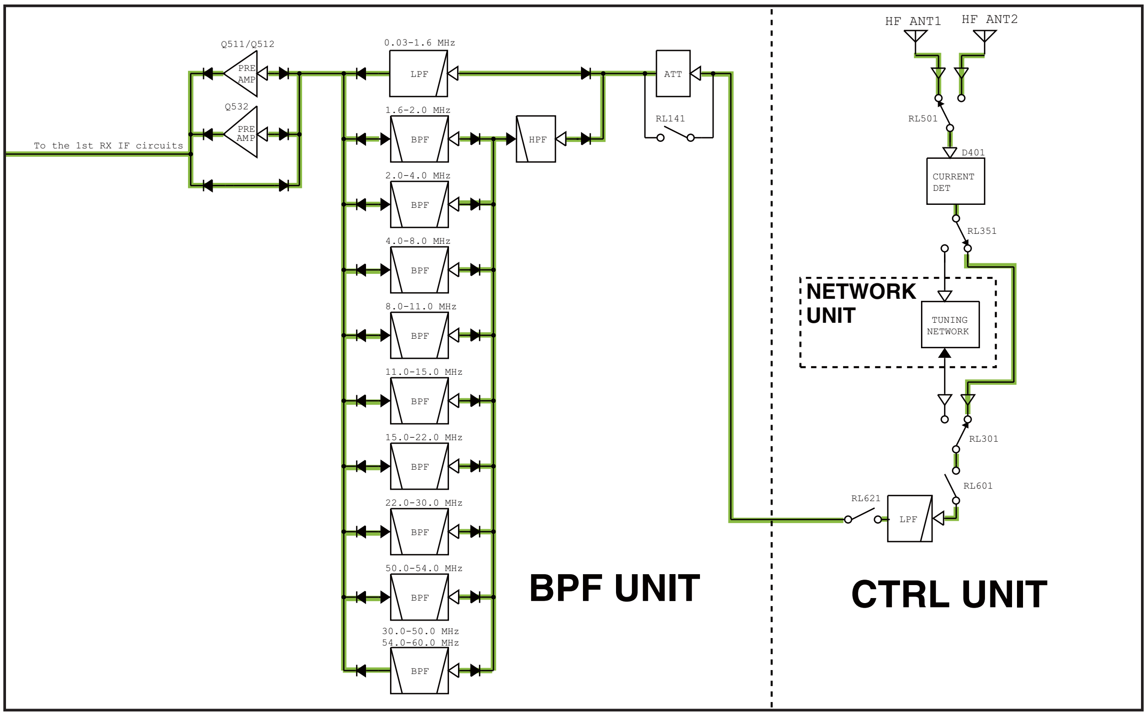
PREAMPLIFIER CIRCUITS (BPF UNIT)

The RX signal from the BPF circuits is applied to or bypassed the preamplifier.

When the Preamplifier function is activated, the RX signal is amplified by one of preamplifiers (Q511, Q512 (for 1.8–2.1 MHz) or Q532 (for 24–50 MHz)).

The amplified or bypassed RX signal is applied to the RF-A UNIT.

• HF RF CIRCUITS



VHF RF CIRCUITS (RF-B UNIT)

VHF band RX signal from the antenna connector [144MHz ANT] (CHASSIS; J1) is passed through the SWR detecter (PA-B; D801, D811), LPF (PA-B; L771–L773, C771–C777), TX/RX SW (PA-B; RL751) and LPF (PA-B; L763, C770), and then applied to the RF-B UNIT.

The RX signal from the PA-B UNIT is passed through the HPF (L1353, L1354, C1355–C1357), and then passed through or bypassed the attenuator circuit (D1351–D1354, R1352–R1354), depending on the setting.

The RX signal, which is passed though or bypassed the attenuator circuit (D1351–D1354, R1352–R1354), is passed through the BPF (D1301, D1302, L1301, L1302, C1301, C1302), and then applied to the RF AMP (Q1251).

The amplified RX signal is passed through the two-staged BPF (D1209–D1211, L1202, C1203, C1206, and D1202–D1204, L1201, C1201, C1205) and HPF (L1111–L1114, C1111–C1114, C1116–C1117, C1119), and then applied to the 1st RX IF circuits.

UHF RF CIRCUITS (RF-B UNIT)

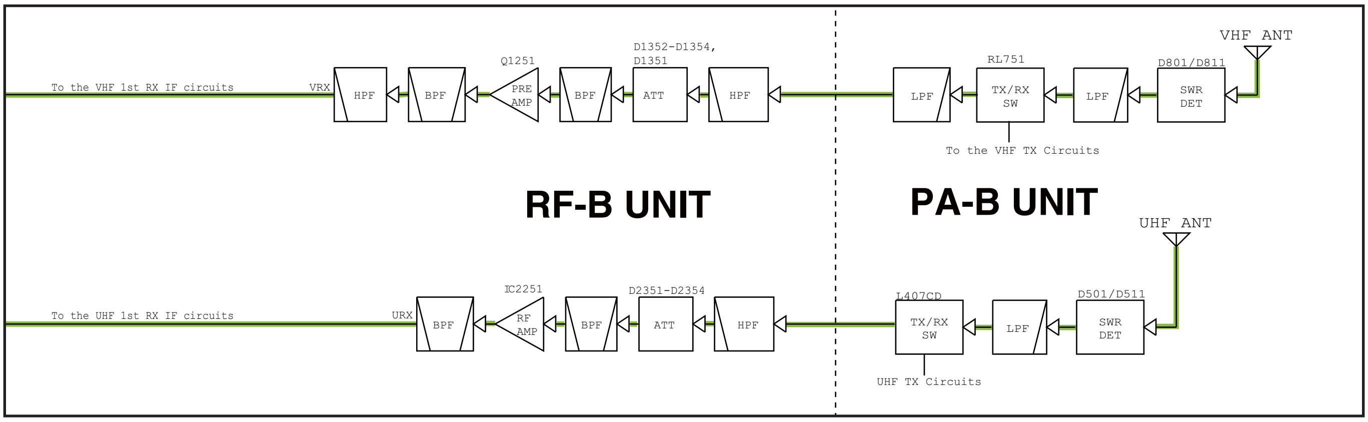
UHF band RX signal from the antenna connector [430MHz ANT] (CHASSIS; J2) is passed through the SWR detecter (PA-B; D501, D511), LPF (L451, L452, C451–C455), TX/RX SW (PA-B; D471–D473) and LPF (L471, C471, C472, C475), and then applied to the RF-B UNIT.

The RX signal from the PA-B UNIT is passed through the HPF (L2361, L2362, C2361–C2363, C2359), and then passed through or bypassed the attenuator circuit (D2351–D2354, R2352, R2354, R2355), depending on the setting.

The RX signal, which is passed though or bypassed the attenuator circuit (D2351–D2354, R2352, R2354, R2355), is passed through the BPF (D2301, D2302, L2301, C2301, C2302), and then applied to the RF AMP (Q2251).

The amplified RX signal is passed through the two-staged BPF (D2201–D2203, L2204, C2202, C2204, and D2204–D2206, L2205, C2205, C2206) and HPF (L2210, C2210), and then applied to the 1st RX IF circuits.

• VHF/UHF RF CIRCUITS



HF 1ST RX IF CIRCUITS (RF-A UNIT)

The RX signal from the BPF UNIT is passed through the LPF, which removes unwanted signals (60 MHz and higher), and then applied to the 1st RX IF mixer (Q721–Q724) to be mixed with the 1st RX LO signal (64.485–124.455 MHz) from the PLL UNIT, resulting in the 64.455 MHz 1st RX IF signal.

The 1st RX IF signal is amplified by the 1st RX IF AMP (Q741) and passed through one of the 1st IF filters (FI911; FL-434, or optional FL-430 or FL-431), which has different passband widths, according to the IF filter setting.

The filtered 1st RX IF signal is amplified by the RX IF AMPs (Q1051 and Q1071, Q1072), and then applied to the 2nd RX IF circuits.

HF 2ND RX IF CIRCUITS (RF-A UNIT)

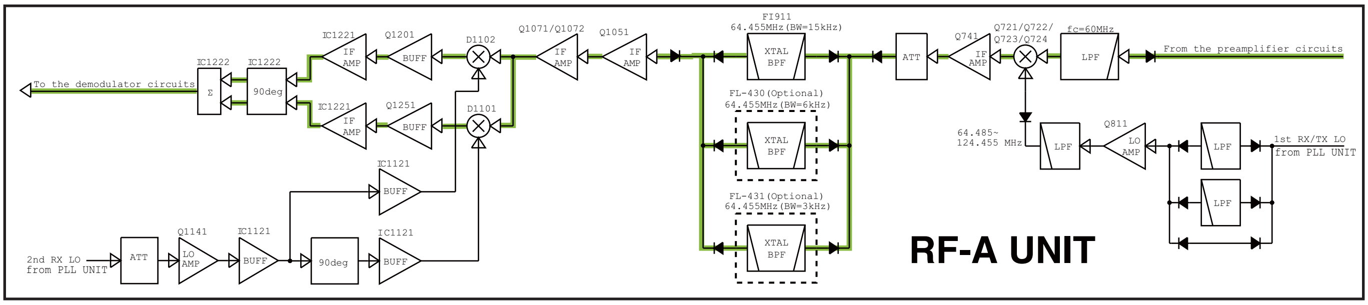
The 1st RX IF signal from the 1st RX IF circuits is divided into two paths, and then each signal is applied to the 2nd RX IF mixers (the image reduction mixers; D1102/D1101) to be mixed with the 2nd RX LO signal (64.491 MHz) from the PLL UNIT, resulting in the 36 kHz 2nd RX IF signal.

The image reduction mixer removes image frequency components by using two LO signals which are 90 degrees phase-shifted from each other.

The 2nd RX IF signals are independently amplified by the buffers (Q1201/Q1251) and IF AMPs (IC1221).

These amplified 2nd RX IF signals are 90 degrees phase-shifted and combined by the combiner (IC1222), and then applied to the MAIN UNIT.

• HF 1ST RX IF AND 2ND RX IF CIRCUITS



VHF 1ST RX IF CIRCUITS (RF-B UNIT)

The RX signal from the RF circuits is applied to the 1st RX IF mixer (Q1051–Q1054) to be mixed with the 1st RX LO signal (125.15–163.15 MHz) from the PLL UNIT, resulting in the 10.85 MHz 1st RX IF signal.

The 1st RX IF signal is passed through the 1st IF filter (FI331), amplified by two 1st RX OF AMPs (Q301, Q302 and Q311), and then applied to the 2nd RX IF circuits.

UHF 1ST RX IF CIRCUITS (RF-B UNIT)

The RX signal from the RF circuits is applied to the 1st RX IF mixer (Q2051, Q2052) to be mixed with the 1st RX LO signal (348.75–408.75 MHz) from the PLL UNIT, resulting in the 71.25 MHz 1st RX IF signal.

The 1st RX IF signal is amplified by the 1st RX IF AMP (Q2021), passed through the 1st IF filter (FI731), and then amplified by two 1st RX IF AMPs (Q701, Q702 and Q711).

The amplified 1st RX IF signal is applied to the 2nd RX IF circuits.

VHF 2ND RX IF CIRCUITS (RF-B UNIT)

The 1st RX IF signal from the 1st RX IF circuits is divided into two paths, and then each signal is applied to the 2nd RX IF mixers (the image reduction mixers; D251/D255) to be mixed with the 2nd RX LO signal (10.814 MHz) from the PLL UNIT, resulting in the 36 kHz 2nd RX IF signal.

The image reduction mixer removes image frequency components by using two LO signals which are 90 degrees phase-shifted from each other.

The 2nd RX IF signals are independently amplified by the buffers (Q151/Q141) and IF AMPs (IC121).

These amplified 2nd RX IF signals are 90 degrees phase-shifted and combined by the combiner (IC101), and then applied to the MAIN UNIT.

UHF 2ND RX IF CIRCUITS (RF-B UNIT)

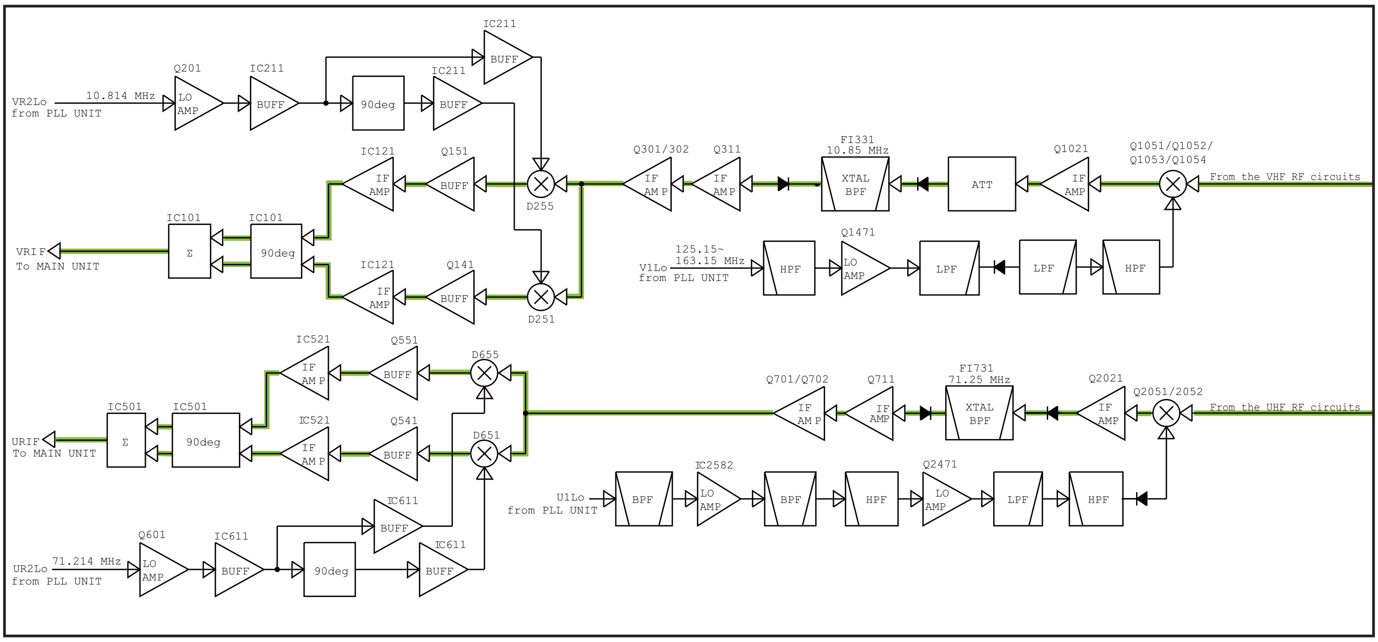
The 1st RX IF signal from the 1st RX IF circuits is divided into two paths, and then each signal is applied to the 2nd RX IF mixers (the image reduction mixers; D651/D655) to be mixed with the 2nd RX LO signal (71.214 MHz) from the PLL UNIT, resulting in the 36 kHz 2nd RX IF signal.

The image reduction mixer removes image frequency components by using two LO signals which are 90 degrees phase-shifted from each other.

The 2nd RX IF signals are independently amplified by the buffers (Q551/Q541) and IF AMPs (IC521).

These amplified 2nd RX IF signals are 90 degrees phase-shifted and combined by the combiner (IC501), and then applied to the MAIN UNIT.

• VHF/UHF 1ST RX IF AND 2ND IF CIRCUITS



DEMODULATOR CIRCUITS (MAIN UNIT)

The 2nd RX IF signal from the 2nd RX IF circuits is passed through the MAIN/SUB BAND SW (HF band; IC3501, VHF band; IC3502, UHF band; IC3503), and then applied to the demodulator circuits.

• MAIN BAND

The 2nd RX IF signal is passed through the AF SW (HF band; IC3510, VHF band; IC3514, UHF band; IC3518), RX mute SW (IC4604) and the balance-unbalance converter (Balun; IC4602/IC4603), and then applied to the CODEC (IC4651) to be converted into digital audio signal.

The converted digital audio signal is applied to the MAIN DSP (IC4001), and demodulated and processed.

The demodulated signal is applied to another CODEC (IC4461) to be converted into analog AF signal, and then applied to the buffer amplifier (IC4483).

The buffer amplified AF signal is applied to the CONNECT UNIT.

• SUB BAND

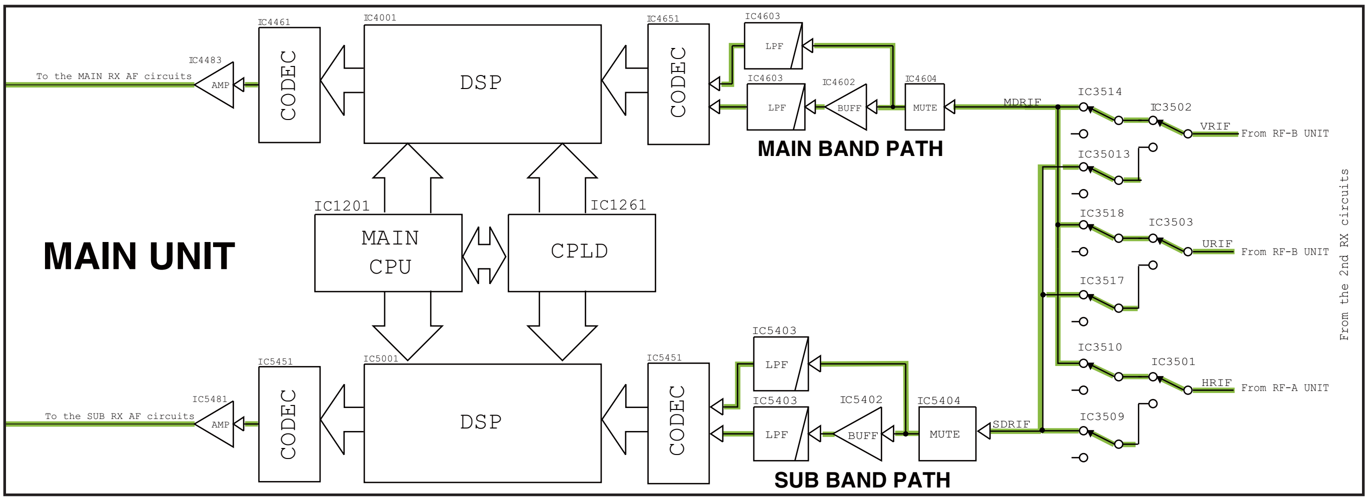
The 2nd RX IF signal is passed through the AF SW (HF band; IC3509, VHF band; IC3513, UHF band; IC3517), RX mute SW (IC5404) and the balance-unbalance converter (Balun; IC5402/IC5403), and then applied to the CODEC (IC5451) to be converted into digital audio signal.

The converted digital audio signal is applied to the SUB DSP (IC5001), and demodulated and processed.

The demodulated signal is applied to the CODEC (IC5481) again, to be converted into analog AF signal, and then applied to the buffer amplifier (IC5481).

The buffer amplified AF signal is applied to the CONNECT UNIT.

• DEMODULATOR CIRCUITS



RX AF CIRCUITS (CONNECT UNIT)

• MAIN BAND

The AF signal from the demodulator circuits is applied to the AF AMP (IC221), through the squelch gate (Q231). The amplified AF signal is applied to the Voltage Controlled Amplifier (VCA; IC301) to be adjusted in level (=audio output level), through the AF SW (IC201) which toggles the AF output lines for MAIN and SUB bands.

The level-adjusted AF signal is applied to the AF power AMP (IC351), through the mute SW (Q321) and the buffer (Q343).

The amplified AF signal is passed through the AF mute switch (RL361), and then applied to the internal speaker through RL372, or external speaker jack ([MAIN EXT-SP]; J101), or the amplified AF signal is applied to the headphones jack (JACK BORD: J2).

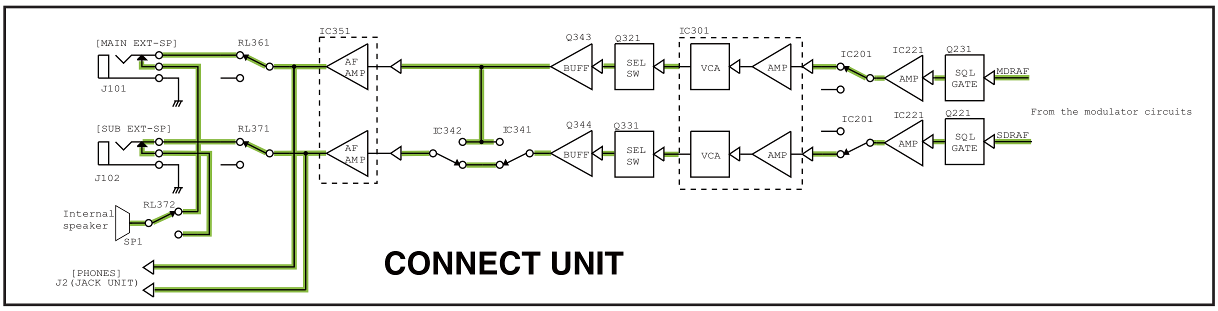
• SUB BAND

The AF signal from the demodulator circuits is applied to the AF AMP (IC221), through the squelch gate (Q221). The amplified AF signal is applied to the Voltage Controlled Amplifier (VCA; IC301) to be adjusted in level (=audio output level), through the AF SW (IC201) which toggles the AF output lines for MAIN and SUB bands.

The level-adjusted AF signal is applied to the AF power AMP (IC351), through the mute SW (Q331), the buffer (Q344) and AF line SWs (IC341 and IC342), which selects the AF output destinations from [MAIN EXT-SP] and [SUB EXT-SP].

The amplified AF signal is passed through the AF mute switch (RL371), and then applied to the internal speaker through RL372, or external speaker jack ([SUB EXT-SP]; J101), or the amplified AF signal is applied to the headphones jack (JACK BORD: J2).

• RX AF CIRCUITS



3-2 TRANSMITTER CIRCUITS

TX AF CIRCUITS (MAIN UNIT)

The audio signal from the microphone (MIC signal) is applied to the MAIN UNIT, through the MICROPHONE CONNECTOR (MIC BOARD; J1), and then applied to the Voltage Controlled Amplifier (VCA; IC3401).

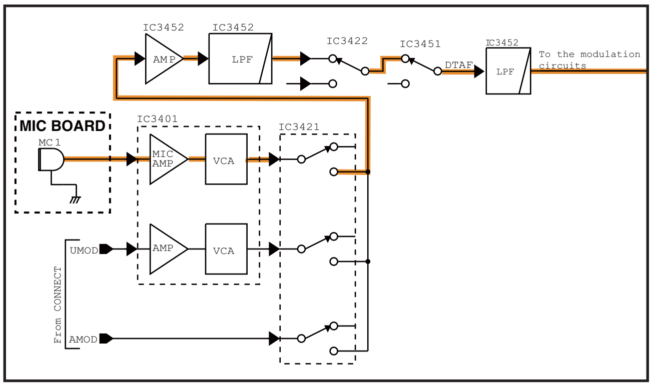
The applied MIC signal is amplified by the MIC AMP, and adjusted in level (=MIC gain) by the VCA circuit.

The level-adjusted MIC signal is passed through the MIC line SW (IC3421), amplified by the AF AMP (IC3452), and then applied to the modulation circuits, through the LPF (IC3452) and MIC line SWs (IC3422 and IC3451).

The MIC signal from the accessory socket [ACC1] on the rear panel, is directly applied to the AF AMP (IC3452), through the MIC line SW (IC3421).

The amplified MIC signal is applied to the modulation circuits.

• TX AF CIRCUITS



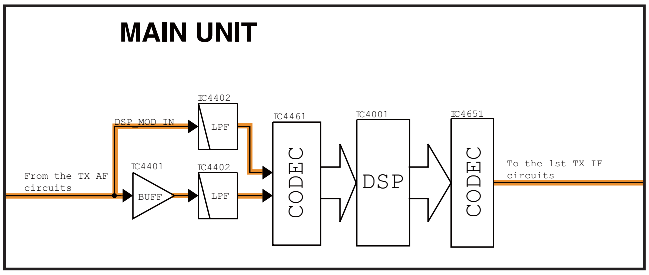
MODULATION CIRCUITS (MAIN UNIT)

The MIC signal from the TX AF circuits is passed through the Balance-Unbalance converter (Balun; IC4401, IC4402), and then applied to the CODEC (IC4461), to be converted into digital audio signal.

The converted digital audio signal is applied to the MAIN DSP (IC4001), and processed and modulated.

The modulation signal is converted into analog audio signal by the CODEC (IC4651), and then applied to the 3rd TX IF circuits, through the buffer (IC4661), as the 3rd TX IF signal.

• MODULATION CIRCUITS



3RD TX IF AND 2ND TX IF CIRCUITS (MAIN UNIT)

The 3rd TX IF signal from the modulation circuits is passed through the LPF (IC3601), and then applied to the 3rd TX mixer (IC3621) to be mixed with the 3rd TX LO signal from the PLL UNIT, resulting in the 455 kHz 2nd TX IF signal.

The converted 2nd TX IF signal is amplified by the IF AMP (Q3631), and then passed though the 2nd TX filter (FI3641). The filtered 2nd TX IF signal is amplified by the 2nd TX IF AMP (Q3651), and then applied to the 2nd TX mixer (D3671).

• HF BAND

The 2nd TX IF signal is mixed with the 64 MHz 2nd TX LO signal from the PLL UNIT, resulting in the 64.455 MHz 1st TX IF signal.

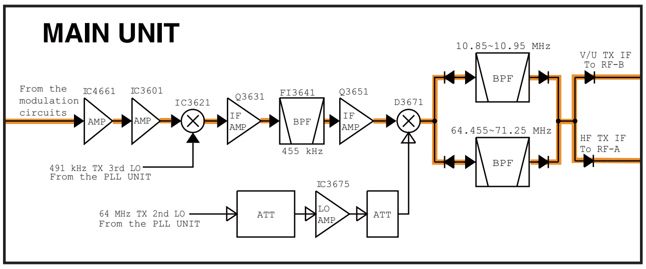
The 1st TX IF signal is applied to the 1st TX IF circuits on the RF-A UNIT, through the BPF (L3692, L3693, C3692–C3697) and band SW (D3701).

• VHF AND UHF BANDS

The 2nd TX IF signal is mixed with the 11.305 MHz (VHF band) or 71.705 MHz (UHF band) 2nd TX LO signal from the PLL UNIT, resulting in the 10.85 MHz (VHF band) or 71.25 MHz (UHF band) 1st TX IF signal.

The 1st TX IF signal is applied to the 1st TX IF circuits on the RF-B UNIT, through the BPF (VHF band; L3681–L3683, C3682, C3683, C3685–C3688 or UHF band; L3692, L3693, C3692–C3697) and band SW (D3702).

• 3RD TX IF AND 2ND TX IF CIRCUITS



1ST TX IF CIRCUITS

• HF BAND (RF-A UNIT)

The 1st TX IF signal from the 2nd TX IF circuits is passed through the 1st TX IF filter (FI911) to remove unwanted signals. The filtered signal is amplified by the IF AMP (Q611), and then applied to the 1st TX mixer (D651), through the LPF.

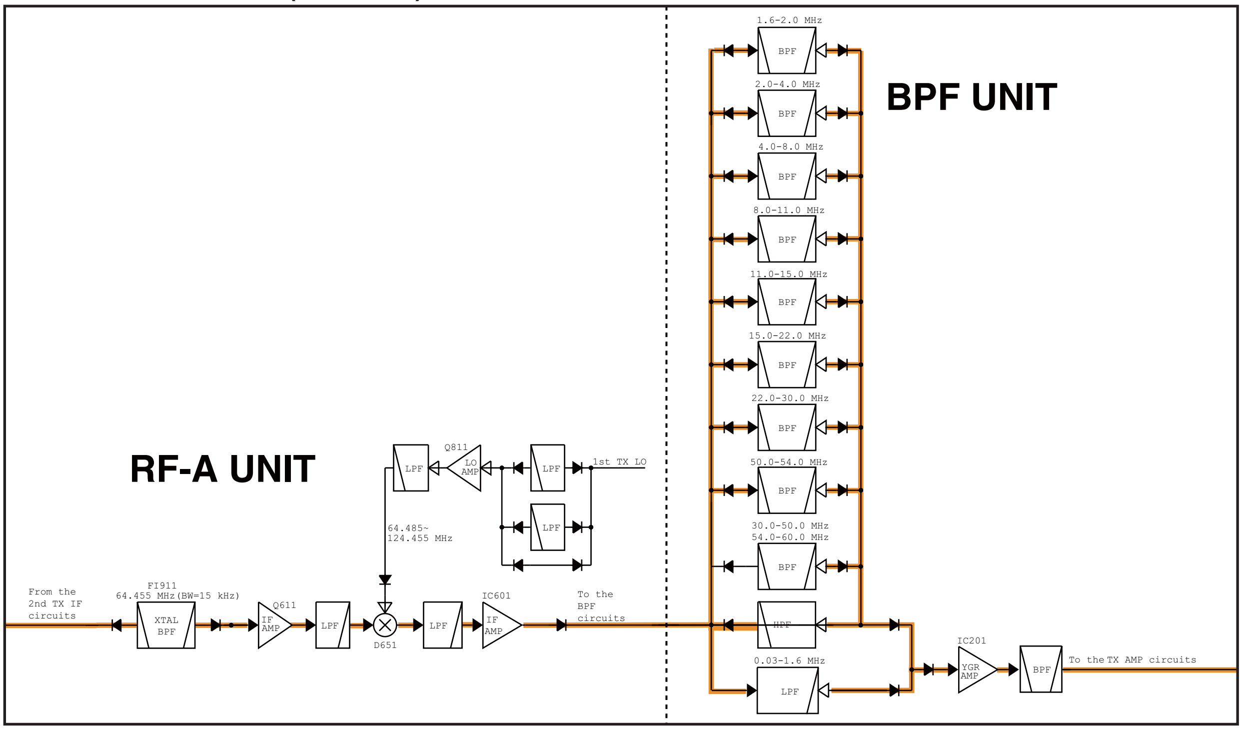
The 1st TX IF signal is mixed with the 1st TX LO signal from the PLL UNIT, resulting in the TX signal (TX frequency itself).

The converted TX signal is passed through the LPF, and amplified by the AMP (IC601), and then applied to the BPF UNIT.

The TX signal from the 1st TX IF circuits is passed through an LPF or one of BPFs, depending on the transmitting frequency, to remove unwanted signals contained in the TX signal.

The filtered TX signal is amplified by the YGR AMP (BPF UNIT; IC201), and then applied to the PA-A UNIT.

• 1ST TX IF CIRCUITS (HF BAND)



• VHF BAND (RF-B UNIT)

The 1st TX IF signal from the 2nd TX IF circuits is passed through the tree-staged BPF (L361–L363, C362–C364) and BPFs (L332, C333 and FI331) to remove unwanted signals, and then and amplified by the 1st TX IF AMP (Q1521). The amplified signal is applied to the 1st TX mixer (Q1551, Q1552). The 1st TX IF signal is mixed with the 1st TX LO signal from the PLL UNIT, resulting in the TX signal (TX frequency itself).

The converted TX signal is passed through the BPF (D1611, D1612, L1611, L1612, C1612–C1615), and then applied to the YGR AMP (IC1651). The amplified TX signal is applied to the PA-B UNIT, through the BPF (D1671, D1672, L1671, L1672, C1672–C1675).

• UHF BAND (RF-B UNIT)

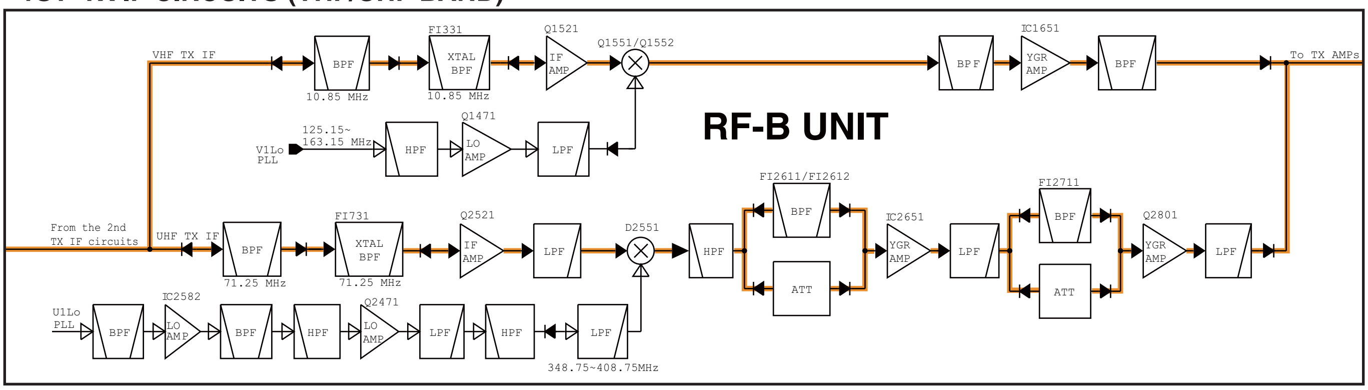
The 1st TX IF signal from the 2nd TX IF circuits is passed through the BPFs (L761–L763, C762–C764 and FI731) to remove unwanted signals, and then and amplified by the 1st TX IF AMP (Q2521). The amplified signal is applied to the 1st TX mixer (D2551), through the LPF (L2551, C2551–C2553).

The 1st TX IF signal is mixed with the 1st TX LO signal from the PLL UNIT, resulting in the TX signal (TX frequency itself).

The converted TX signal is passed through the HPF (L2611, C2612, C2615, C2616) and passed through or by-pass the BPF (FI2611, F2612), depending on the operating frequency, and then applied to the YGR AMP (IC2651). The amplified TX signal is passed through or by-pass the BPF (FI2711), depending on the operating frequency, and then applied to another YGR AMP (Q2801).

The amplified TX signal is applied to the PA-B UNIT, through the LPF (L2831, C2831–C2833).

• 1ST TX IF CIRCUITS (VHF/UHF BAND)



HF TX AMPLIFIER CIRCUITS (PA-A UNIT)

The TX signal from the BPF UNIT is sequentially amplified by the pre-drive AMP (Q201), drive AMP (Q221, Q222), and power AMP (Q241, Q242).

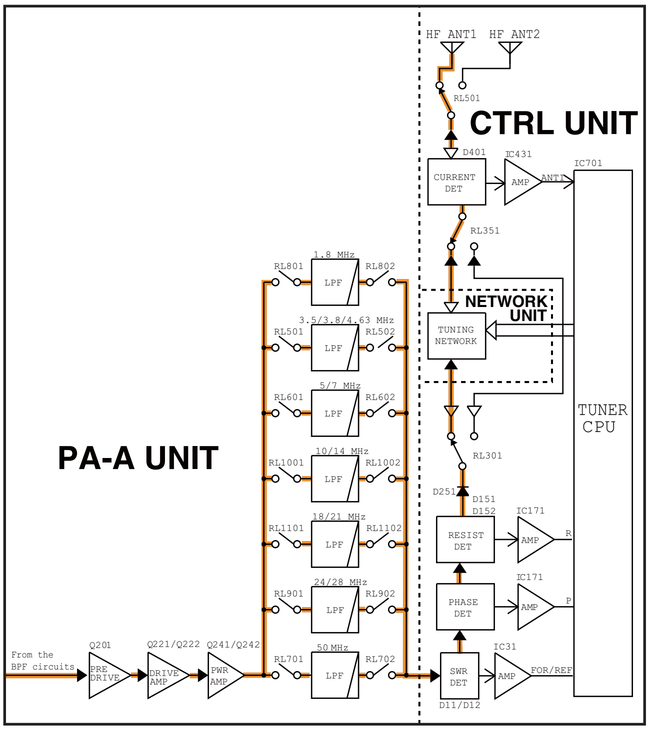
The amplified TX signal is applied to the TX filter circuits.

TX FILTER CIRCUITS (PA-A UNIT) (For only HF band)

The amplified TX signal from the power AMP (Q241, Q242) is passed through one of LPFs, depending on the transmitting frequency, to remove harmonic components contained in the TX signal.

The filtered TX signal is applied to the CTRL UNIT.

• HF TX AMPLIFIER AND FILTER CIRCUITS



ANTENNA TUNING AND SWITCHING CIRCUITS (CTRL UNIT) (For only HF band)

The TX signal from the PA-A UNIT is passed through 4 detection circuits on the CTRL UNIT, before being applied to the antenna connector [ANT1] or [ANT2].

Refering to the detected parameters, the tuner CPU (IC701) controls the tuning networks on the NETWORK UNIT, to match the transceiver and connected antenna.

SWR DETECTION CIRCUIT

The forward wave is rectified by D12 at the current detect transformer (L11). The rectified voltage is amplified by the DC AMP (IC41), and then applied to the A/D port of the tuner CPU (IC701).

The reflected wave is rectified by D11 at the current detect transformer (L11). The rectified voltage is amplified by the DC AMP (IC41), and then applied to the A/D port of the tuner CPU (IC701).

REACTANCE DETECTION CIRCUIT

The TX signal which is picked up at the current detect transformer (L101), and the TX signal which is picked up by C101, C105 and R105, are rectified by D102 and D101, and amplified by C-MOS IC (IC111).

The amplified signal is applied to IC131, through the buffer (IC121) for phase comparison. The resulting signal of phase comparison is rectified by D131 and D132, and composed and amplified by IC51, then applied to the A/D port of the tuner CPU (IC171).

RESISTANCE DETECTION CIRCUIT

A portion of the TX signal is picked up by L151 and C152, and rectified by D152 to be converted into DC voltage.

Another portion of the TX signal is rectified by D151 to be converted into DC voltage too.

And these voltages are the same when the connected load (=antenna) is matched to 50 Ω. Thus the difference of these voltages represents the resistance components.

By comparing the difference of these voltages, the transceiver detects the resistance components.

The detected resistance components are buffered by Q151 and amplified by IC171, and then applied to the A/D port of the tuner CPU (IC701).

CURRENT DETECTION CIRCUIT

A portion of the TX signal is picked up by L401, rectified by D401, and applied to IC431 to be level-compared with the voltage from the SWR detection circuit.

When the resistance of connected load (=antenna) is less than 10 Ω, the TX signal is bypassed the NETWORK UNIT, through the tuner compulsorily switches (RL301 and RL351), to protect the circuit on the NETWORK UNIT from reflected waves.

VHF/UHF TX AMPLIFIER CIRCUITS (PA-B UNIT)

• VHF BAND

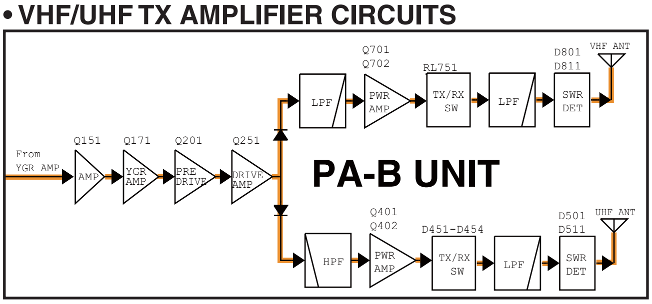
The TX signal from the RF-B UNIT is sequentially amplified by the AMP (Q151), YGR AMP (Q171), pre-drive AMP (Q201), drive AMP (Q251), and then applied to the power AMP (Q701, Q702).

The amplified TX signal is passed through the TX/RX SW (RL751), LPF(L771–L773, C771–C777) and SWR detecter (D801, D811), before being applied to the antenna connector [144MHz ANT].

• UHF BAND (PA-B UNIT) The TX signal from the RF-B UNIT is sequentially amplified by the AMP (Q151), YGR AMP (Q171), pre-drive AMP (Q201), drive AMP (Q251), and then applied to the power AMP (Q401, Q402).

The amplified TX signal is passed through the TX/RX SW (D471–D473), LPF(L451, L452, C451–C455) and SWR detecter (D501, D511), before being applied to the antenna connector [430MHz ANT].

• VHF/UHF TX AMPLIFIER CIRCUITS



3-3 FREQUENCY SYNTHESIZER (PLL UNIT)

REFERENCE FREQUENCY OSCILLATOR CIRCUIT

The crystal oscillator (X151) generates the 32 MHz reference frequency signal. This reference signal is applied to the Local Oscillator (LO) circuits, through the buffer (Q151) and LPF (L153, C156–158).

3RD TX LO CIRCUIT

The 32 MHz reference signal from the crystal oscillator (X151) is doubled by the doubler (Q551, L551, L552), resulting in the 64 MHz reference clock signal. Using the 64 MHz reference clock signal, the 491 kHz 3rd TX LO signal is directly generated by 10-bit DDS-A (IC702) and D/A converter (R703–R722). The generated 491 kHz 3rd TX LO signal is passed through the LPF (L702, C713, C715), buffer (Q701), LO SW (D851), BPF (L851–L853, C851, C853, C855, C856, C858), and then applied to the MAIN UNIT.

2ND TX LO CIRCUIT

The 32 MHz reference signal from the reference frequency oscillator circuit is doubled by the doubler (Q551, L551, L552) to extract the 64 MHz of 2nd harmonic component. The 64 MHz signal is applied to the MAIN UNIT as the 2nd TX LO signal, through the buffer (Q571).

The 2nd TX LO signal is amplified by the LO AMP (MAIN UNIT: IC3675), and then applied to the 2nd TX mixer (MAIN UNIT: D3671).

2ND RX LO CIRCUITS

• HF BAND

The 32 MHz reference signal from the reference frequency oscillator circuit is doubled by the doubler (Q551, L551, L552), to extract the 64 MHz of 2nd harmonic component. The 64 MHz signal is amplified by the LO AMP (Q901), and then mixed with the 491 kHz signal from the 3rd TX LO circuit, by the 2nd RX LO mixer (D951), resulting in the 64.491 MHz 2nd RX LO signal. The 2nd RX LO signal is filtered by the crystal filter (FI981), and then applied to the RF-A UNIT as the 2nd RX LO signal.

The 2nd RX LO signals which are 90 degrees phase-shifted from each other, are applied to the 2nd IF mixers (RF-A UNIT; D1101 and D1102), through the buffers (RF-A UNIT; IC1121).

• VHF BAND

The 32 MHz reference signal from the crystal oscillator (X151) is doubled by the doubler (Q551, L551, L552), resulting in the 64 MHz reference clock signal. Using the 64 MHz reference clock signal, the 10.814 MHz 2nd RX LO signal is directly generated by 10-bit DDS-A (for MAIN BAND; IC702, for SUB BAND; IC1502) and D/A converter (for MAIN BAND; R703–R722, for SUB BAND; R1503–R1522).

The generated 10.814 MHz 2nd RX LO signal is passed through the LPF (for MAIN BAND; L702, C713, C715, for SUB BAND; L1521, C1509, C1511), buffer (for MAIN BAND; Q701, for SUB BAND; Q1501), LO SW (for MAIN BAND; D1701, for SUB BAND; D1702), BPF (L851–L853, C851, C853, C855, C856, C858), and then applied to the RF-B UNIT.

The 2nd RX LO signals which are 90 degrees phase-shifted from each other, is applied to the 2nd IF mixers (RF-B UNIT; D251 and D255), through the LO AMP (RF-B UNIT; Q201), buffers (RF-B UNIT; IC211).

• UHF BAND

The 32 MHz reference signal from the crystal oscillator (X151) is doubled by the doubler (Q551, L551, L552), resulting in the 64 MHz reference clock signal. Using the 64 MHz reference clock signal, the 10.814 MHz 2nd RX LO signal is directly generated by 10-bit DDS-A (for MAIN BAND; IC702, for SUB BAND; IC1502) and D/A converter (for MAIN BAND; R703–R722, for SUB BAND; R1503–R1522).

The generated 10.814 MHz 2nd RX LO signal is passed through the LPF (for MAIN BAND; L702, C713, C715, for SUB BAND; L1521, C1509, C1511), buffer (for MAIN BAND; Q701, for SUB BAND; Q1501), LO SW (for MAIN BAND; D1801, for SUB BAND; D1802), BPF (L1801–L1803, C1803, C1805, C1807, C1808, C1810), and then applied to the 2nd RX LO mixer (D1872) to be mixed with the 64 MHz reference signal from the buffer (Q1851), resulting in the 71.214 MHz 2nd RX LO signal. The 2nd RX LO signal is applied to the RF-B UNIT, through the BPF (FI1881).

The 2nd RX LO signals which are 90 degrees phase-shifted from each other, is applied to the 2nd IF mixers (RF-B UNIT; D651 and D655), through the LO AMP (RF-B UNIT; Q601), buffers (RF-B UNIT; IC611).

1ST RX/TX LO CIRCUITS

The 32 MHz reference signal from the reference frequency oscillator circuit is amplified by Q201, and applied to the PLL IC (IC201) as the reference frequency signal.
The VCO (Q251), which is controlled by the PLL IC (IC201), generates the 388.5 MHz master clock signal, by using the applied 32 MHz signal as the reference.

The generated 388.5 MHz master clock signal is passed through the buffers (Q271, for MAIN BAND; Q301, for SUB BAND; Q1001) which provide the isolation between the DDS-A (IC351) and DDS-B (IC1051), and BPF (for MAIN BAND; L301–L304, C305–C312, for SUB BAND; L1001–L1004, C1005–C1011), and then applied to the DDS-A (for MAIN BAND; IC351, for SUB BAND; IC1051).

Using the applied DDS master clock signal as the referece, the DDS-A/DDS-B (MAIN BAND; IC351, for SUB BAND; IC1051) generates the 1st RX/TX LO signal. The generated 1st RX/TX LO signal is passed through the LPF (for MAIN BAND; L381, C381, C382, for SUB BAND; L1081, L1082, C1081, C1082, C1084), and then applied to each 1st RX/TX LO circuits, through the LO SW (for MAIN BAND; IC1451, for SUB BAND; IC1452).

• HF BAND

The 1st RX/TX LO signal is passed through the LO SW (IC1453), MCF notch fileter (FI401), BPF (L421–L423, C421–C428 or L451–L453, C451–C458, C462; depending on the operating frequency), and amplified by the LO AMP (IC501). The amplified signal is applied to the RF-A UNIT, through the LPF (L502, L503, C504–C509), HPF (L504, C510–512).

The 1st RX/TX LO signal is passed through the harmonic filter (RF-A UNIT; L868–L870, C872–C876 or L861–L864, C866–C870 or L871, C879, C880), and amplified by the LO AMP (RF-A UNIT; Q811), and then applied to the 1st RX mixer (RF-A UNIT; Q721–Q724) or 1st TX mixer (RF-A UNIT; D651), through the LPF (RF-A UNIT; L831–L833, C831–C836) and LO SW (RF-A UNIT; D851, D852).

• VHF BAND

The 1st RX/TX LO signal is passed through the LO SW (IC1454) and BPF (L1101–L1105, C1103–C1113), and then applied to the LO AMP (IC1171). The amplified signal is passed through the LPF (L1172, L1173, C1174–C1176) and HPF (L1174, C1177, C1178), and then applied to the RF-B UNIT.

The 1st RX/TX LO signal is passed through the HPF (RF-B UNIT; L1491, L1492, C1491–C1493), and amplified by the LO AMP (RF-B UNIT; Q1471), and then applied to the 1st TX mixer (RF-B UNIT; Q1551, Q1552) or 1st RX mixer (RF-B UNIT; Q1051–Q1054), through the LPF (RF-B UNIT; L1451–L1453, C1451–C1455).

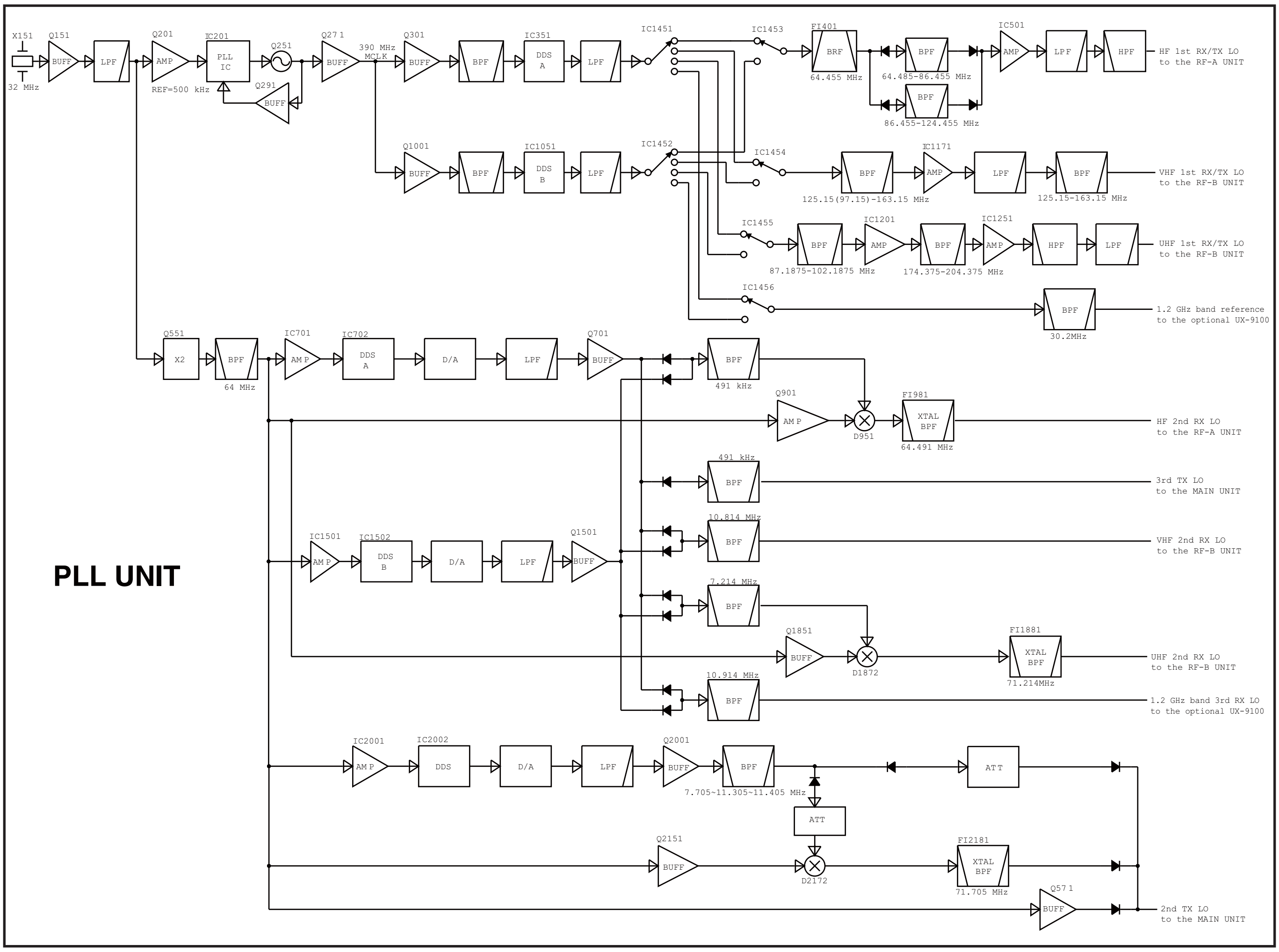
• UHF BAND

The 1st RX/TX LO signal is passed through the LO SW (IC1455) and BPF (D1203, L1201–L1203, C1203–C1210, C1216, C1219), and then applied to the LO AMP (IC1201). The amplified signal is passed through the BPF (L1233–L1236, C1233–C1240), and then applied to another LO AMP (IC1251). The amplified signal is applied to the RF-B UNIT, through the HPF (L1273, L1274, C1273–C1275) and LPF (L1275, L1276, L1282, L1283, C1276–C1280, C1284–C1286).

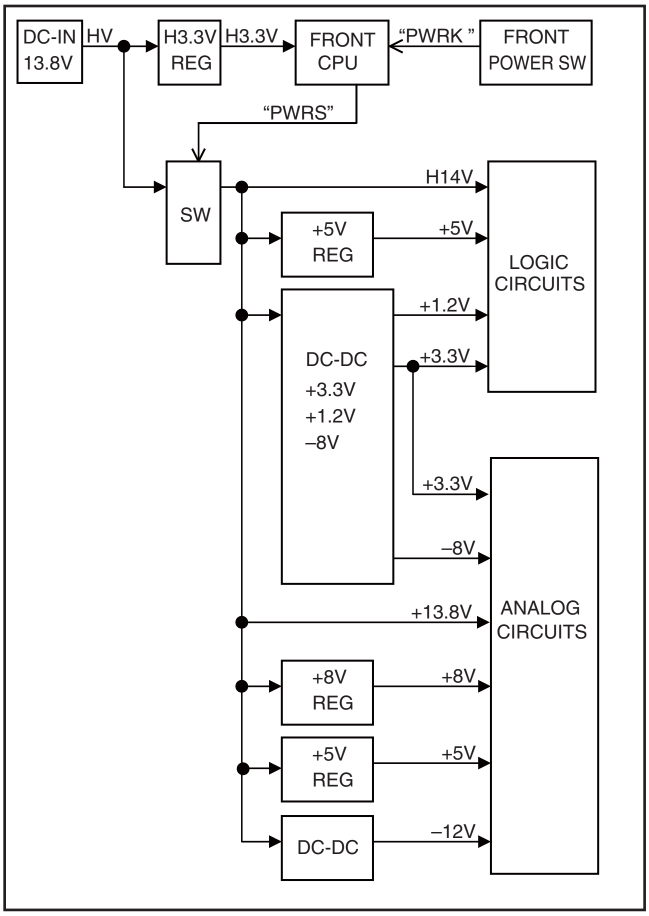
The 1st RX/TX LO signal is passed through the BPF (RF-B UNIT; D2582, D2583, L2582, L2583, C2583, C2584, C2587, C2607, C2608), and amplified by the LO AMP (RF-B UNIT; IC2582). The amplified signal is passed through the BPF (RF-B UNIT; D2584, D2585, L2585, L2586, C2594, C2595, C2598, C2609, C2610) and HPF (RF-B UNIT; L2491, L2492, C2491–C2494), and applied to another LO AMP (RF-B UNIT; Q2471).

The amplified signal is applied to the 1st TX mixer (RF-B UNIT; D2551) or 1st RX mixer (RF-B UNIT; Q2051, Q2052), through the LPF (RF-B UNIT; L2451, L2452, C2451–C2458) and HPF (RF-B UNIT; D2421, D2422, L2411, L2412, L2421, L2422, C2411–C2415, C2422, C2423).

• FREQUENCY SYNTHESIZER



3-4 VOLTAGE BLOCK DIAGRAM



3-5 CPU PORT ALLOCATIONS

• FRONT CPU (DISPLAY BOARD; IC401)

Pin No.	Line Name	Description	I/O
1	CNT2V	LCD contrast control. (segement area) (1–2.3 V)	O
2	CNT1V	LCD contrast control. (dot area) (1–2.3 V)	O
8	STDS	TX LED control. (SUB BAND) H=Lights. (While transmitting)	O
9	SRDS	RX LED control. (SUB BAND) H=Lights. (While receiving)	O
10	FRES	Front CPU reset. L=Reset.	I
19	RITDBK	[RIT/⊿TX] dial phase-B.	I
20	RITDAK	[RIT/⊿TX] dial phase-A.	I
21	MAINDAK	[MAIN] dial phase-A.	I
22	MAINDBK	[MAIN] dial phase-B.	I
23	MTDS	TX LED control. (MAIN BAND) H=Lights. (While transmitting)	O
24	BKLV	LCD backlight control. (PWM)	O
25	MRDS	RX LED control. (MAIN BAND) H=Lights. (While receiving)	O
29	DTXD	UART port (TX)	O
30	DRXD	UART port (RX)	I
33	LTXD	Data output (UART) for the communication with the main CPU.	O
34	LRXD	Data input (UART) for the communication with the main CPU.	I
35	DOTK	Ele-key input. (Dot)	I
36	DSHK	Ele-key input. (Dash)	I
37	PHNK	Headphones connection detect. H=Connected.	I
40	SPCHK	[SPEECH/LOCK] input. (Pull-up)	I
43	PBCLK	[PBT-CLK] input. (Pull-up)	I
45	RITCLK	[CLEAR] input. (Pull-up)	I
46	DTXK	[⊿TX] input. (Pull-up)	I
47	FILK	[FILTER] input. (Pull-up)	I
48	XFCK	[XFC] input. (Pull-up)	I
49	MENUK	[MENU] input. (Pull-up)	I
50	RITK	[RIT] input. (Pull-up)	I
51	F5K	[F-5] input. (Pull-up)	I
52	F4K	[F-4] input. (Pull-up)	I
53	F3K	[F-3] input. (Pull-up)	I
54	F2K	[F-2] input. (Pull-up)	I
55	F1K	[F-1] input. (Pull-up)	I
56	NOTK	[NOTCH] input. (Pull-up)	I
57	NRK	[NR] input. (Pull-up)	I
58	ANTK	[ANT] input. (Pull-up)	I
59	TUNK	[TUNER] input. (Pull-up)	I
61	TRAK	[TRANSMIT] input. (Pull-up)	I
63–70	LD7–LD0	LCD segment ports.	O
79	SDIALBK	[SUB] dial phase-B.	I
80	SDIALAL	[SUB] dial phase-A.	I
81	MCHBK	[M-CH] dial phase-B.	I
82	MCHAK	[M-CH] dial phase-A.	I
83	PBT2BK	[PBT] outer dial phase-B.	I
84	PBT2AK	[PBT] outer dial phase-A.	I
85	PBT1BK	[PBT] inner dial phase-B.	I
86	PBT1AK	[PBT] inner dial phase-A.	I
88	PITCHL	[CW PITCH] dial input.	I
90	NRL	[NR] dial input.	I
91	NOTL	[NOTCH] dial input.	I
92	MUDL	[MIC] Up/Down input.	I
98–100	ASL2–ASL0	Analog SW (CD4501) control.	O

• EXPANDER (MAIN UNIT: IC1161)

Pin No.	Line Name	Description	I/O
12	FORL	Forward wave detect voltage. (A/D)	I
1	REFL	Reflected wave detect voltage. (A/D)	I
14	ALCL	ALC meter voltage input. (A/D)	I
5	IDL	Drive AMP current (ID) detect voltage. (A/D)	I
4	VDL	Drive AMP voltage (VD). (A/D)	I
15	THML	Temperature sensing voltage from the thermal sensor on the PA-A UNIT. (A/D)	I

• MAIN CPU (MAIN UNIT: IC1201)

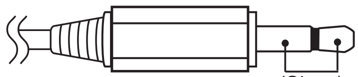
Pin No.	Line Name	Description	I/O
3	VBUS	VBUS connection detect for USB HUB. H=USB connection detected.	I
8	DAVOX	MIC signal detect. H=Input detect.	I
9	CTFL	CW TX status.	I
11	RTKI	RTTY keying input. H="Space" input.	I
12	UNLK	PLL (ADF4630) unlock detect. L=Unlock detected.	I
13	DVOPT	Optional UT-121 installation detect. H=Installed.	I
14	VSQM	Squelch level input. (MAIN BAND) H=Squelch open.	I
15	VSQS	Squelch level input. (SUB BAND) H=Squelch open.	I
16	RTDM	RTTY decode data from the DSP. (MAIN BAND)	I
17	RTDS	RTTY decode data from the DSP. (SUB BAND)	O
19, 20	MHSK0, MHSK1	Handshake signal from the DSP. (MAIN BAND)	I
21, 22	SHSK0, SHSK1	Handshake signal from the DSP. (SUB BAND)	I
23	FRES	Front CPU reset signal.	O
26	HIFOP1K	Optional IF filter (bandwidth=6 kHz) installation detect. L=Installed.	O
27	HIFOP2K	Optional IF filter (bandwidth=3 kHz) installation detect. L=Installed.	O
28	DVMTXCK	TX clock to CMX589 modem.	O
29	DVMTXDT	TX data to the CMX589 modem.	O
30	DVMRXCK	RX clock to the CMX589 modem.	O
31	DVMRXDT	RX clock from the CMX589 modem.	I
33	UDTXD	Data output port for [USB] connector.	O
35	PWRS	Transceiver power ON/OFF control. H=Power ON.	O
36	UPWS	USB HUB power control. H=USB power ON.	O
37	H8_CS6#	Dual-port SRAM chip select signal. L=Selected.	O
38	H8_CS7#	Expander chip select signal. L=Selected.	O
42	PCK	PLL serial clock.	O
43	PDAT	PLL serial data.	O
44	PSL	PLL strobe.	O
45	PST	PLL strobe output.	O
46	SKYS	Straight key/electronic keyer input. (A/D) L=Key down.	I
47	EXRL	External SEND reray output. H=Relay ON	O
48	ESTA	External tuner "START" signal output. L=Tuning start.	O
49	EKEY	External tuner "KEY" signal input. L=While tuning/tune NG.	I
51	MCK	Common serial clock.	O
52	MDAT	Common serial data.	O
53	TCON	External tuner conection detect.	I
54	CTXD	CI-V (UART) output.	O
55	CRXD/ CBSY	CI-V (UART) input/CI-V bus busy input. L=Data "1" /Busy.	I
56	PCK/ CON0	DDS clock.	O

Pin No.	Line Name	Description	I/O
56	DSPCK	DSP clock.	O
57	DSPR	DSP data.	O
59	UDRXD	USB data input.	I
60	MSPK	[EXT-SP] (MAIN BAND) connection detect. H=Connected.	I
61	SSPK	[EXT-SP] (SUB BAND) connection detect. H=Connected.	I
63	AMBESTB	AMBE strobe to the optional UT-121.	O
65	AMBERES	Reset signal to the optional UT-121.	O
66	AMBECLK	AMBE clock to the optional UT-121.	O
67	AMBETXD	AMBE serial data to the optional UT-121.	O
68	AMBERXD	AMBE serial data from the optional UT-121.	I
73–80	H8_D8–H8_D15	DSP address bus.	O
82	TND	QPSK (L) decode data.	I
83	NSQ	Noise pulse input. (MAIN BAND)	I
84	PSENI	Microphone PTT input. H=While transmitting.	I
85	TRAS	SEND signal.	O
88	H8_LWR#	(Bus control) "L" write signal. L=While writing.	O
89	H8_HWR#	(Bus control) "H" write signal. L=While writing.	O
89	H8_RD#	(Bus control) Read signal. L=While reading.	O
90	PTRAS	PTT circuit control. H=While transmitting.	O
92	RES	CPU reset. H=Reset.	O
94	SENI	PTT/ACC SEND signal. H=While transmitting.	I
105	DSKY	DSP CW/RTTY keying signal. L=Key down/space.	O
104	NSQS	Noise pulse input. (SUB BAND)	I
105	DSKY	CW/RTTY keying.	O
107	DVC	DV CODEC power supply control.	O
113	MFMTL	Tone signals. (MAIN BAND)	I
114	SFMTL	Tone signals. (SUB BAND)	I
115	VOXL	VOX level input.	I
116	DPTL	"SEND" signal input from the data socket.	I
121	DX1M	TX/RX DSP data. (MAIN BAND)	I
122	DX1S	TX/RX DSP data. (SUB BAND)	I
123	OVDK	Over deviation detect. L= Over deviation detected.	I
124	THRI	Internal tuner through signal. H=Tuner through.	I
125	BEEP	Beep audio.	O
126	STON	Side tone.	O
133	LTXD	Data output (UART) for the communication with the front CPU.	O
134	LRXD	Data input (UART) for the communication with the front CPU.	I
135	PWRK	[POWER] input. (Pull-up)	I
137	EDT	EEPRROM data.	I/O
138	ECK	EEPRROM clock.	O
140	IKEY	Internal tuner "KEY" input (UART). L=Tuner ON.	I
142	ISTA	Internal tuner "START" signal (UART).	O

SECTION 4 ADJUSTMENT PROCEDURE

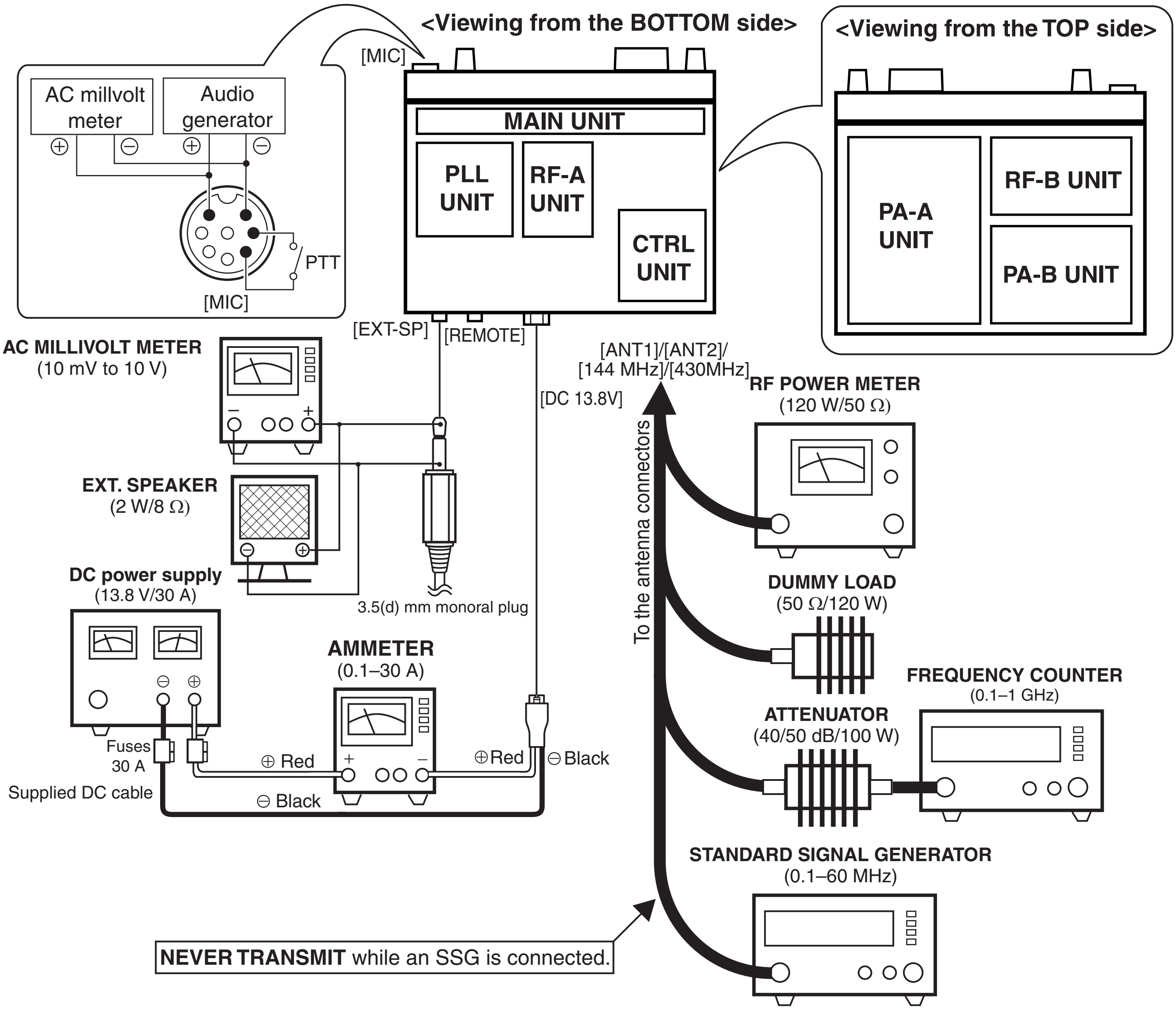
4-1 PREPARATION

■ REQUIRED EQUIPMENTS

EQUIPMENT	GRADE AND RANGE	EQUIPMENT	GRADE AND RANGE
Short plug	Modified 3.5 mm (1/8”) monoral plug 	Audio generator (AG)	Frequency range : 300–3000 Hz Output level : 1–500 mV
RF voltmeter (50 Ω terminated)	Measuring range : 20–200 mV Frequency range : 0.1–600 MHz	AC Millivoltmeter	Measuring range : 10 mV to 10 V
RF power meter (50 Ω terminated)	Measuring range : 5–120 W Frequency range : 0.1–600 MHz SWR : Less than 1.2 : 1	Digital multimeter	Measuring range : 0–10 V (Voltage) 1–30 A (Current) Input impedance : More than 50 kΩ
Frequency counter	Frequency range : 0.1–600 MHz Frequency accuracy : ±1 ppm or better Input level : Less than 1 mW	External speaker	Input impedance : 8 Ω Capacity : More than 2 W
Standard signal generator (SSG)	Frequency range : 0.1–600 MHz Output level : 0.1 mV to 32 mV (–127 to –17 dBm)	Spectrum Analyzer	Frequency range : At least 90 MHz Bandwidth : 100 kHz
		Dummy Loads	Impedance : 50 Ω and 100 Ω/120 W

CAUTION!: SAVE the originally programmed contents (Memory channel contents, set mode settings, etc.), before starting adjustment. When all adjustments are completed, these contents in the transceiver may be cleared.

■ GENERAL CONNECTION AND UNIT LOCATION



4-2 ADJUSTMENTS ON THE PLL UNIT

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
REFERENCE FREQUENCY SIGNAL	1	• Frequency: 14.10000 MHz • Mode: USB • Transmitting	• Connect a frequency counter to J571.	J571	(Verify)	64.000000 MHz (±300 Hz)
	2	• Frequency: 14.10000 MHz • Mode: USB • Receiving	• Connect an RF voltmeter to J571.	J571	L551, L552 (Repeatedly)	Max. voltage
	3				–	–10 dBm (±3 dB) (Verify)
LOCK VOLTAGE		• Frequency: 14.10000 MHz • Receiving	• Connect a voltmeter to CP221.	CP221	(Verify)	1.1–2.7 V
1ST LO LEVEL (HF band)	1	• Frequency: 0.03 MHz (1.8 MHz*) • Receiving	• Connect an RF voltmeter to J501.	J501	(Verify)	+4.0 dBm (±3 dB)
	2	• Frequency: 4.00 MHz (3.5625 MHz*) • Receiving				
	3	• Frequency: 7.90 MHz (7.10 MHz*) • Receiving				
	4	• Frequency: 8.00 MHz (7.10 MHz*) • Receiving				
	5	• Frequency: 15.00 MHz (14.35 MHz*) • Receiving				
	6	• Frequency: 21.90 MHz (21.45 MHz*) • Receiving				
	7	• Frequency: 22.00 MHz (21.45 MHz*) • Receiving				
	8	• Frequency: 50.00 MHz • Receiving				+2.0 dBm (±3 dB)
	9†	• Frequency: 60.00 MHz (50.1225 MHz*) • Receiving				–1.0 dBm (±3 dB)
2ND RX LO LEVEL (HF band)		• Frequency: 21.90 MHz (21.45 MHz*) • Receiving	• Connect an RF voltmeter to the J852.	J852	(Verify)	–8.0 dBm (±3 dB)
1ST LO FILTER (VHF band)		• Frequency: 146.000 MHz • Mode: USB • Receiving	• Connect an RF voltmeter to the J1171.	J1171	C1185, C1187 (Repeatedly)	Max. voltage
1ST LO LEVEL (VHF band)	1	• Frequency: 108.000 MHz (144.000 MHz*) • Mode: USB • Receiving	• Connect an RF voltmeter to the J1171.	J1171	(Verify)	–1.0 dBm (±3 dB)
	2	• Frequency: 144.000 MHz • Mode: USB • Receiving				
	3	• Frequency: 148.000 MHz (146.000 MHz*) • Mode: USB • Receiving				
	4**	• Frequency: 174.000 MHz • Mode: USB • Receiving				–8.0 dBm (±3 dB)
2ND RX LO LEVEL (VHF band)		• Frequency: 145.000 MHz • Mode: USB • Receiving	• Connect an RF voltmeter to the J1701.	J1701	(Verify)	–8.0 dBm (±3 dB)

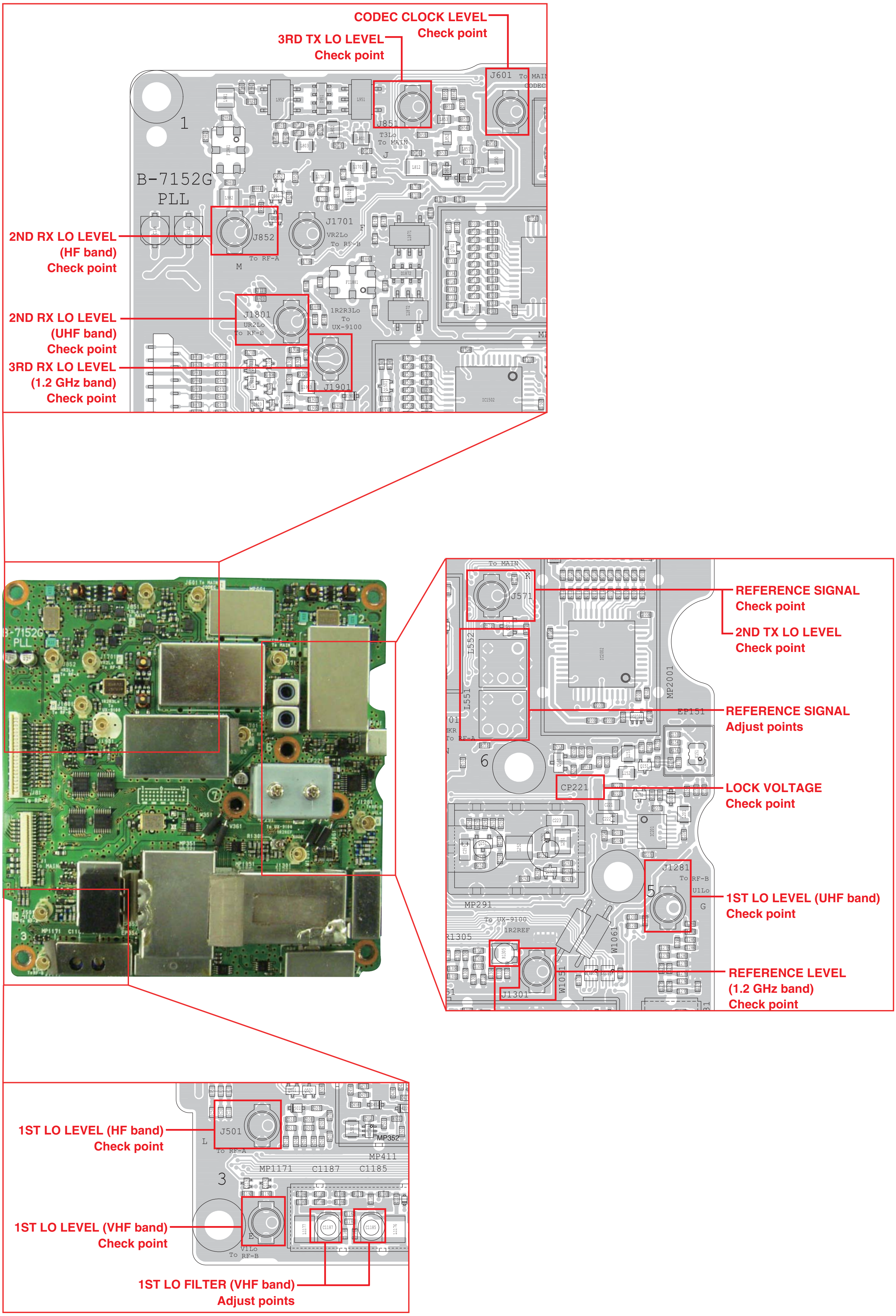
*: For [TPE] and [KOR]. **; For only [USA], [CHN] and [EXP]

4-2 ADJUSTMENTS ON THE PLL UNIT (continued)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
1ST LO LEVEL (UHF band)	1	• Frequency: 420.000 MHz (430.000 MHz*) • Mode: USB • Receiving	• Connect an RF voltmeter to the J1281.	J1281	(Verify)	–3.0 dBm (±3 dB)
	2	• Frequency: 440.000 MHz (430.000 MHz*) • Mode: USB • Receiving				–4.0 dBm (±3 dB)
	3**	• Frequency: 480.000 MHz • Mode: USB • Receiving				–3.0 dBm (±3 dB)
2ND RX LO LEVEL (UHF band)		• Frequency: 435.000 MHz (432.000 MHz*) • Mode: USB • Receiving	• Connect an RF voltmeter to the J1801.	J1801	(Verify)	–12.0 dBm (±3 dB)
REFERENCE LEVEL† (1.2 GHz band)		• Frequency: 1200.000 MHz • Mode: USB • Receiving	• Connect an RF voltmeter to the J1301.	J1301	R1305	–10.0 dBm (±0.5 dB)
3RD RX LO LEVEL† (1.2 GHz band)		• Frequency: 1200.000 MHz • Mode: USB • Receiving	• Connect an RF voltmeter to the J1901.	J1901	(Verify)	–8.0 dBm (±3 dB)
2ND TX LO LEVEL	1	• Frequency: 145.000 MHz • Mode: USB • Transmitting	• Connect a dummy load to [144MHz ANT]. • Connect an RF voltmeter to the J571.	J571	(Verify)	–12.0 dBm (±3 dB)
	2	• Frequency: 435.000 MHz (432.000 MHz*) • Mode: USB • Transmitting	• Connect a dummy load to [430MHz ANT]. • Connect an RF voltmeter to the J571.			
	3†	• Frequency: 1200.000 MHz • Mode: USB • Transmitting	• Connect a dummy load to [1200MHz ANT]. • Connect an RF voltmeter to the J571.			
3RD TX LO LEVEL	1	• Frequency: 145.000 MHz • Mode: USB • Transmitting	• Connect a dummy load to [144MHz ANT]. • Connect an RF voltmeter to the J571.	J851	(Verify)	–8.0 dBm (±3 dB)
	2	• Frequency: 435.000 MHz (432.000 MHz*) • Mode: USB • Transmitting	• Connect a dummy load to [430MHz ANT]. • Connect an RF voltmeter to the J571.			
	3†	• Frequency: 1200.000 MHz • Mode: USB • Transmitting	• Connect a dummy load to [1200MHz ANT]. • Connect an RF voltmeter to the J571.			
CODEC CLOCK LEVEL		• Receiving	• Connect an RF voltmeter to the J601.	J601	(Verify)	–12 dBm (±3 dB)

*: For [TPE] and [KOR]. **; For only [USA], [CHN] and [EXP]
†: Appears only when the optional UX-9100 is installed.

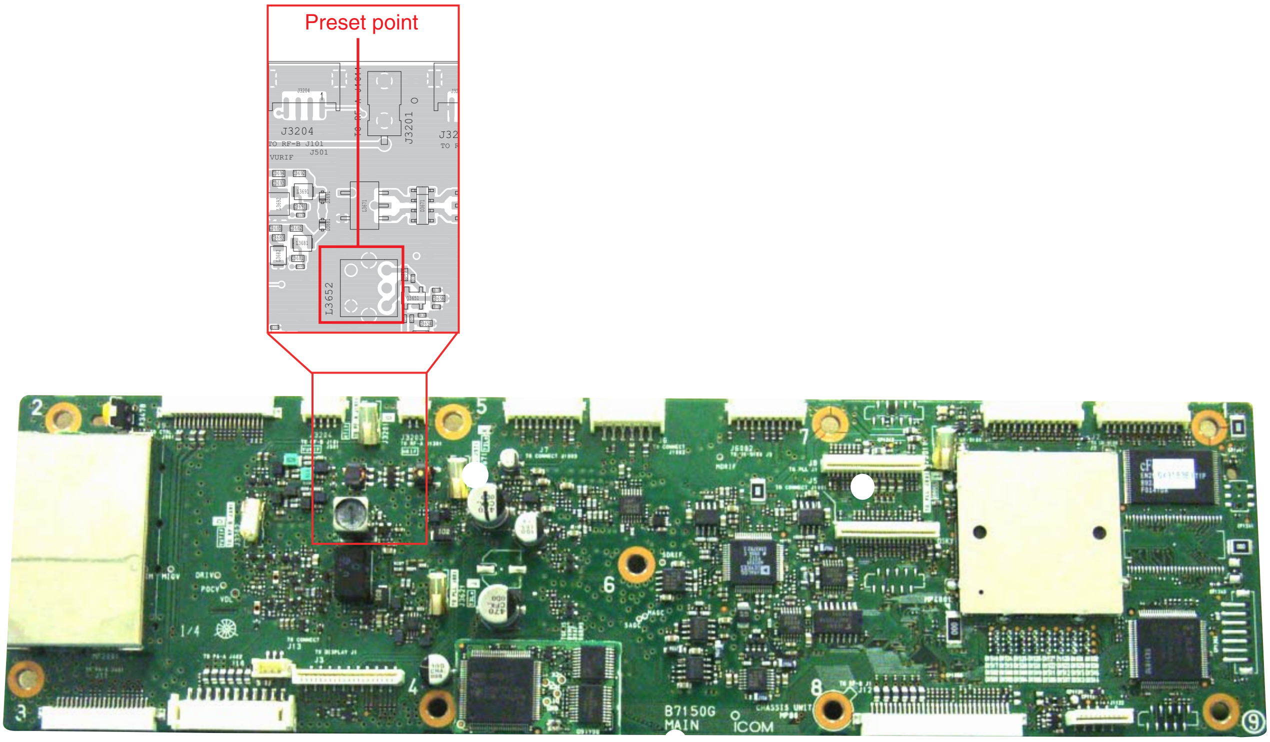
• THE LOCATION OF ADJUST/CHECK POINTS ON THE PLL UNIT



4-3 ADJUSTMENT ON THE MAIN UNIT

ADJUSTMENT ITEM	TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
PRESET	• Receiving	–	–	L3652	Screw the core all the way inside the coil.

• THE LOCATION OF PRESET POINT ON THE MAIN UNIT

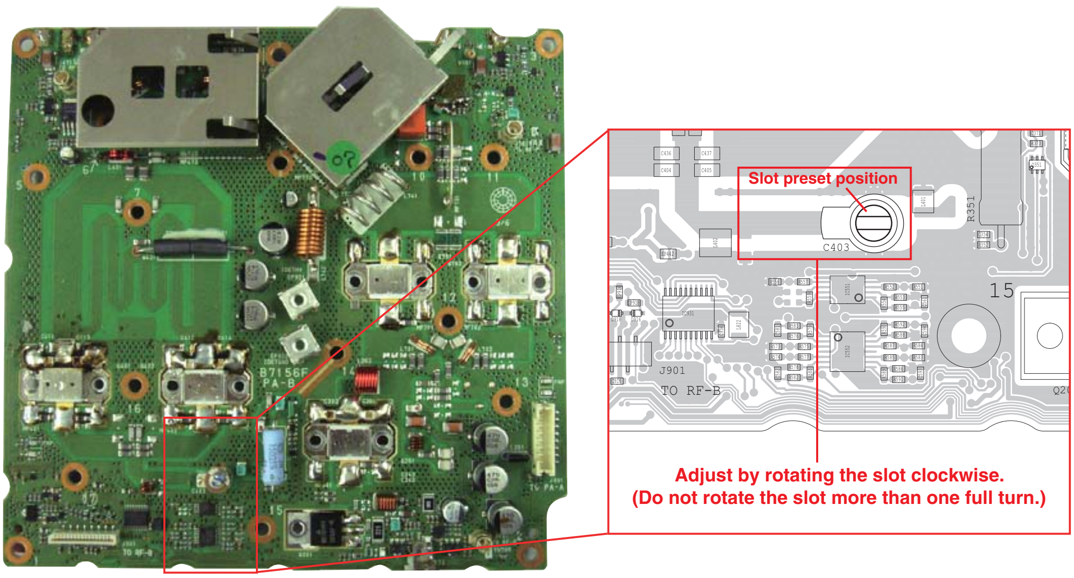


4-4 ADJUSTMENT ON THE PA-B UNIT

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TX ADJUSTMENT (TX power)	1	• Frequency: 430.000 MHz (MAIN BAND)	• Set the slot of C403 to the preset position as illustrated below.	–	C403	(as illustrated below)
	2	• Mode: CW • Transmitting **NOTE:** This adjustment must be performed within a minute.	1) Connect an SSG to J101, and then set it as Frequency : 440.000 MHz Level† : +112 dBμ (+5.0 dBm) Modulation : None 2) Connect a power meter to [430MHz ANT].	[430MHz ANT]	C403 (Rotate clockwise less than one full turn.)	More than 90 W

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

• THE LOCATION OF ADJUST POINT ON THE PA-B UNIT



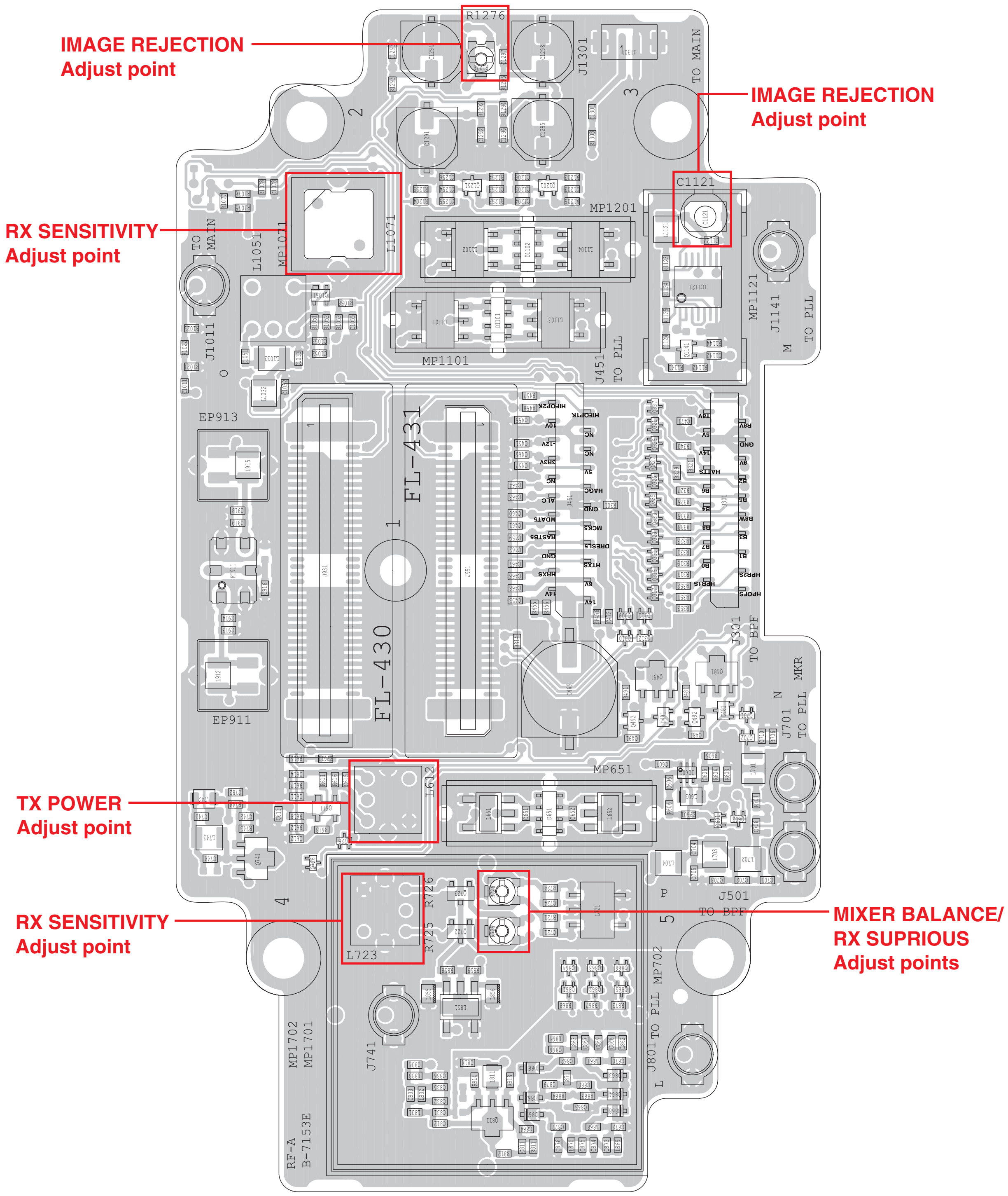
4-5 ADJUSTMENTS ON THE RF-A UNIT

ADJUSTMENT ITEM	TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TX ADJUSTMENT (TX power)	• Frequency: 14.100 MHz • Mode: USB • Transmitting	1) Connect an RF power meter to [ANT1]. 2) Connect an audio generator and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level† : 1 mV	[ANT1]	L612	Max. TX power
RX ADJUSTMENT (Sensitivity)	• Frequency: 14.150 MHz • Mode: USB • Receiving	1) Connect an SSG to [ANT1], and then set it as; Frequency : 14.1515 MHz Level† : –15 dBμ (–122 dBm) Modulation: None 2) Connect a millivoltmeter and a speaker to [EXT-SP].	[EXT-SP]	L723, L1071	Max. AF output level
MIXER BALANCE	• Frequency: 14.150 MHz • Mode: USB • Receiving	1) Connect a terminator to [ANT1]. 2) Connect a spectrum analyzer to the J741.	J741	R725, R726	Min. LO level (Freq.= 78.605 MHz)
RX SUPRIOUS*	• Frequency: 3.621565 MHz • Mode: USB • [PREAMP]: OFF • Receiving	• Connect a millivoltmeter to [EXT-SP].	[EXT-SP]		Min. AF output level
IMAGE REJECTION	• Frequency: 14.150 MHz • Mode: USB • [PREAMP]: OFF • Receiving	1) Connect an SSG to [ANT1], and then set it as; Frequency : 14.0765 MHz Level† : +50 dBμ (–57 dBm) Modulation : None 2) Connect a millivoltmeter and a speaker to [EXT-SP].	[EXT-SP]	R1276, C1121 (Repeatedly)	Min. AF output level

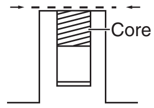
*: For all models except [TPE] and [KOR].

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

• THE LOCATION OF ADJUST/CHECK POINTS ON THE RF-A UNIT



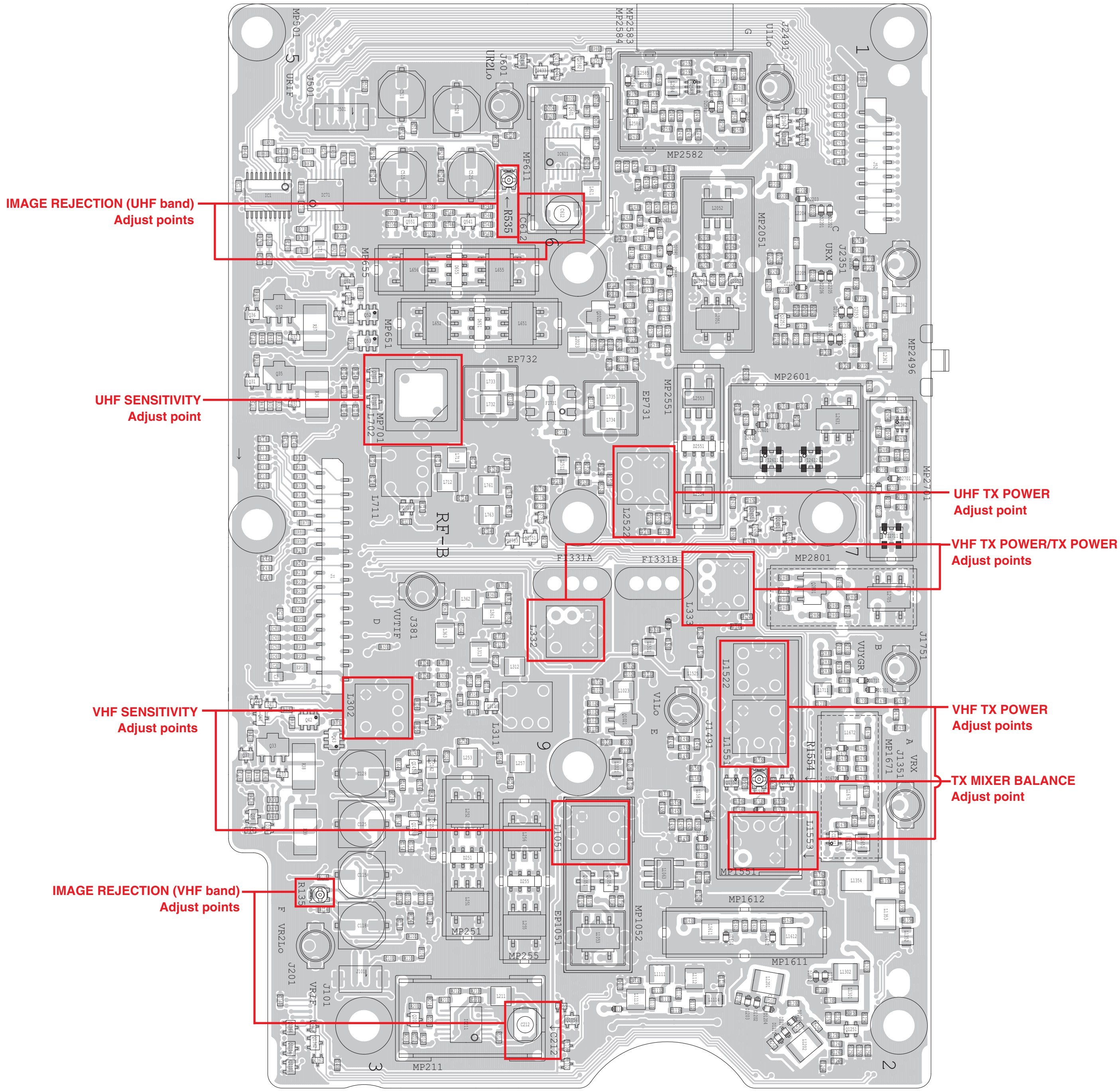
4-6 ADJUSTMENTS ON THE RF-B UNIT

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TX ADJUSTMENT (VHF TX power)	1	–	• Set the adjustment value in the "ADJUSTMENT ON THE FUNCTION DISPLAY." See the page 4-14 for details.	[Tuned BPF 1-2] in the VHF TX adjustment	[MAIN DIAL]	"8A"
	2	–	• Set the core of L1522 as illustrated.	–	L1522	Set the core as below. 
	3	• Frequency: 144.000 MHz • Mode: USB • Transmitting	1) Connect an RF power meter to [144MHz ANT]. 2) Connect an audio generator and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level : 1 mV	[144MHz ANT]	L332, L333, L1551, L1553	Max. TX power
RESIDUAL AM (AM mode)		• Frequency: 144.000 MHz • Mode: FM • [MIC GAIN]: Center • Transmitting	1) Connect an RF power meter to [144MHz ANT]. 2) Connect an audio generator and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level : 10 mV	[144MHz ANT]	L332, L333	Max. TX power
TX MIXER BALANCE		• Frequency: 146.000 MHz* 148.000 MHz** • Mode: CW • Key: Up • Receiving	• Connect a spectrum analyzer to the [144MHz ANT].	[144MHz ANT]	R1554	Min. LO level (LO freq.= 135.150 MHz* 137.150 MHz**)
TX ADJUSTMENT (UHF TX power)		• Frequency: 435.000 MHz • Mode: USB • Transmitting	1) Connect an RF power meter to [430MHz ANT]. 2) Connect an audio generator and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level : 1 mV	[430MHz ANT]	L2522	Max. TX power
RX ADJUSTMENT (VHF Sensitivity)		• Frequency: 145.980 MHz • Mode: USB • Receiving	1) Connect an SSG to [144MHz ANT], and then set it as; Frequency : 145.9815 MHz Level† : –10 dBμ (–117 dBm) Modulation: None 2) Connect a millivoltmeter and a speaker to [EXT-SP].	[EXT-SP]	L302, L1051	Max. AF output level
IMAGE REJECTION (VHF band)		• Frequency: 145.980 MHz • Mode: USB • Receiving	1) Connect an SSG to [144MHz ANT], and then set it as; Frequency : 145.9065 MHz Level† : +80 dBμ (–27 dBm) Modulation: None 2) Connect a millivoltmeter and a speaker to [EXT-SP].	[EXT-SP]	R135, C212 (Repeatedly)	Min. AF output level
RX ADJUSTMENT (UHF Sensitivity)		• Frequency: 435.020 MHz • Mode: USB • Receiving	1) Connect an SSG to [430MHz ANT], and then set it as; Frequency : 435.0215 MHz Level† : –15 dBμ (–122 dBm) Modulation: None 2) Connect a millivoltmeter and a speaker to [EXT-SP].	[EXT-SP]	L702	Max. AF output level
IMAGE REJECTION (UHF band)		• Frequency: 435.020 MHz • Mode: USB • Receiving	1) Connect an SSG to [430MHz ANT], and then set it as; Frequency : 434.9465 MHz Level† : +80 dBμ (–27 dBm) Modulation: None 2) Connect a millivoltmeter and a speaker to [EXT-SP].	[EXT-SP]	R535, C612 (Repeatedly)	Min. AF output level

*: For except [USA], [CHN], [EXP]. **: For [USA], [CHN], [EXP].

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

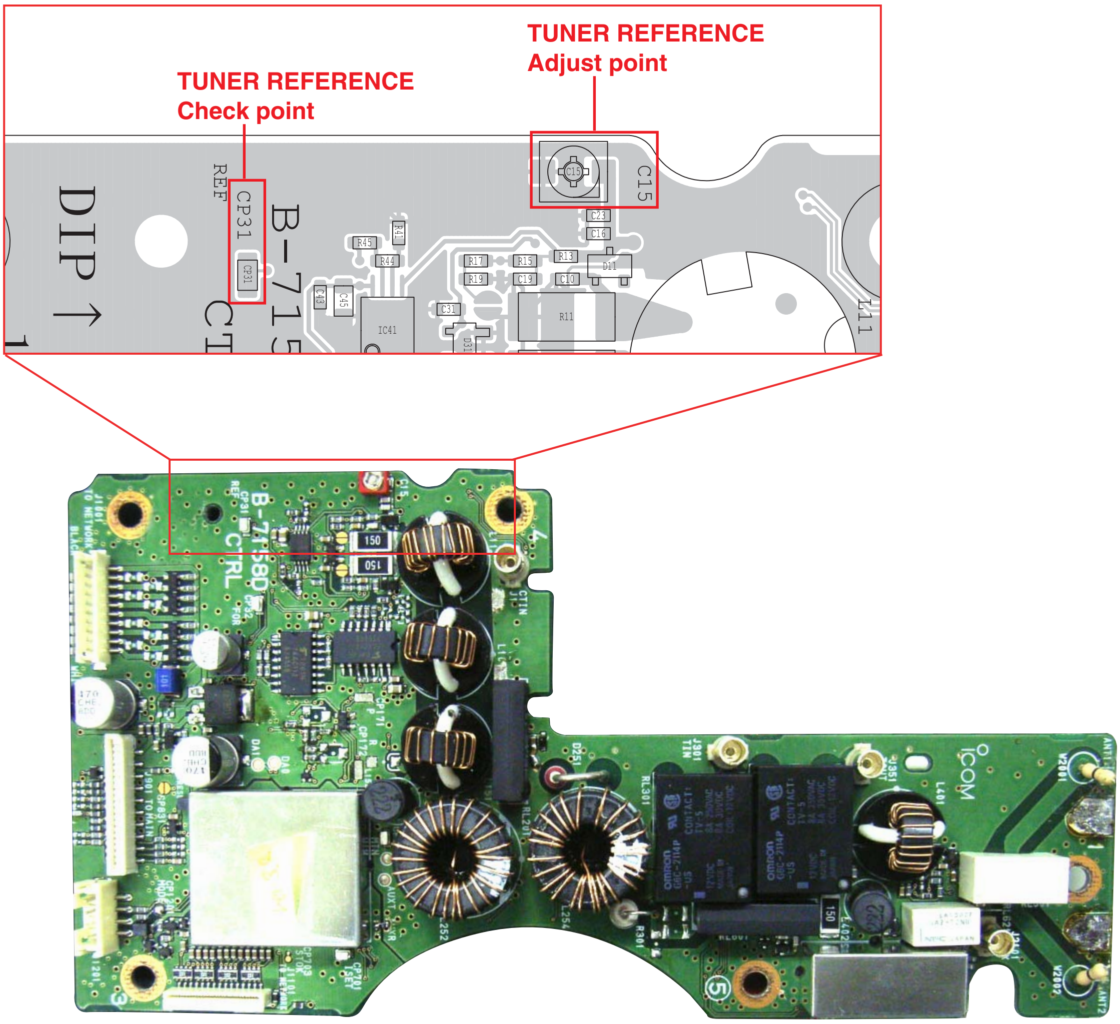
• THE LOCATION OF ADJUST/CHECK POINTS ON THE RF-B UNIT



4-7 ADJUSTMENT ON THE CTRL UNIT

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TUNER REFERENCE	1	• Frequency: 3.55 MHz • [TUNER]: Through • TX power: Max. • Transmitting	1) Connect a 50 Ω dummy load to [ANT1]. 2) Connect a voltmeter to CP31.	CP31	C15	Min. voltage
	2		1) Turn OFF the power. 2) Connect the short plug (See the page 4-1) to [REMOTE]. 3) Hold down [MENU] and [FILTER], and then turn ON the power. 4) Push [F-5] (STR).	–	–	Verify the message " *** OK *** " is displayed.
	3	Turn OFF the power.				

• THE LOCATION OF ADJUST/CHECK POINTS ON THE CTRL UNIT

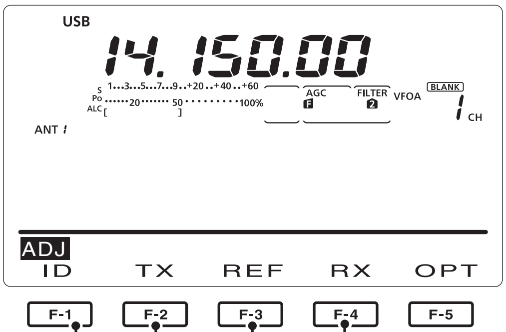


4-8 ADJUSTMENTS ON THE FUNCTION DISPLAY

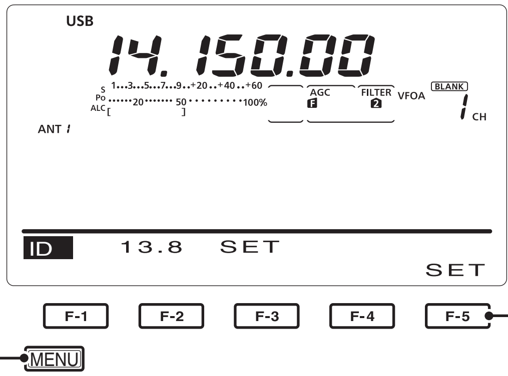
1) Connect the short plug (Page 4-1) to [REMOTE], and while holding down [MENU] and [SSB], turn ON the power.
2) The main adjustment menu appears.

NOTE: If the optional UX-9100 is installed, remove it before the adjustment.

■ MAIN ADJUSTMENT MENU



■ ID ADJUSTMENTS



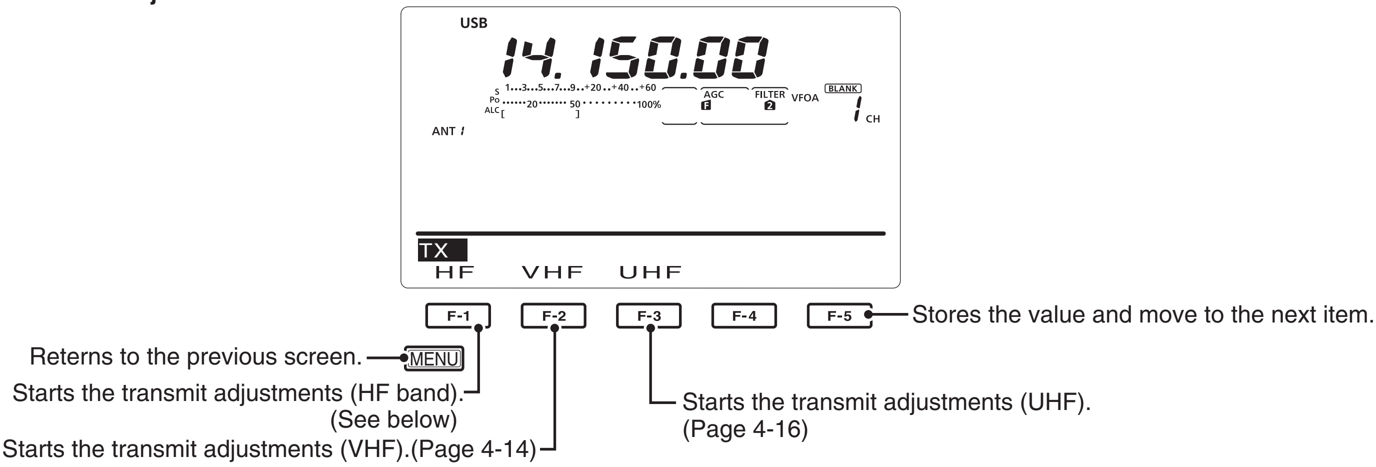
ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
LOADING REFERENCE VOLTAGE		• Display: "13.8 SET" • Receiving	• Set the power supply voltage to 13.8 V.	–	–	Push [F-5]. (A beep sounds, and then another beeps sound 0.5 sec. later)
SETTING ID REFERENCE LEVEL	1	• Display: "ID HF+1.0A" • Transmitting	• Connect a 50 Ω dummy loads to [ANT1], [144MHz ANT] and [430MHz ANT].	–	–	Push [F-5].
	2	• Display: "ID VHF+1.0A" • Transmitting				
	3	• Display: "ID UHF+1.0A" • Transmitting				
	4	• Display: "IPD HF+1.0A" • Transmitting				
	5	• Display: "IPD V/UHF+1.0A" • Transmitting				

■ ID ADJUSTMENTS (continued)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
ID ADJUSTMENT (HF band)	6	• Display: "ID SET HF" • Transmitting	1) Connect a 50 Ω dummy load to [ANT1]. 2) Connect an ammeter to the power supply line.	Power supply line	–	Push [F-5]. (Meaure the current and note it as the reference.)
	7	• Display: "HFID1V" • Transmitting			[MAIN DIAL]	1.0 A more than the reference. Push [F-5].
	8	• Display: "HFID2V" • Transmitting			–	Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
	9	• Display: "HDID1V" • Transmitting			[MAIN DIAL]	1.0 A more than "Step3." Push [F-5].
	10	• Display: "HDID2V" • Transmitting			–	Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
	11	• Display: "HPID1V" • Transmitting				
ID ADJUSTMENT (VHF/UHF band)	12	• Display: "ID SET VHF" • Transmitting	• Connect a 50 Ω dummy loads to [ANT1], [144MHz ANT] and [430MHz ANT].	–	–	Push [F-5].
	13	• Display: "VID1V" • Transmitting				Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
	14	• Display: "VID2V" • Transmitting				
	15	• Display: "ID SET UHF" • Transmitting				Push [F-5].
	16	• Display: "UID1V" • Transmitting				Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
	17	• Display: "UID2V" • Transmitting				
	18	• Display: "VUID1V" • Transmitting				
	19	• Display: "VUPD1V" • Transmitting				
	Automatically returns to the main adjustment menu.					

■ TRANSMIT ADJUSTMENTS

• Transmit adjustment menu.



• TRANSMIT ADJUSTMENTS (HF band)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
PREPARATION		–	• Connect an AG and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level : 1 mV • Connect a power meter to [ANT1]. • Connect a 25 Ω dummy load to [ANT2].	–	–	–
TX TOTAL GAIN	1	• Display: "Total Gain HF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	–	[MAIN DIAL]	50 W Push [F-5].
TX POWER & POWER METER SETTING	2	• Display: "POWER HF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	–	–	Push [F-5].
	3	• Display: "POWER HF Min" • Transmitting	–	[ANT1]	[MAIN DIAL]	1.5 W Push [F-5].
	4	• Display: "POWER HF 10%" • Transmitting				10 W Push [F-5].
	5	• Display: "POWER HF Tuner" • Transmitting				10 W Push [F-5].
	6	• Display: "POWER HF 50%" • Transmitting				50 W Push [F-5].
	7	• Display: "POWER HF 75%" • Transmitting				80 W Push [F-5].
	8	• Display: "POWER HF 100%" • Transmitting				105 W Push [F-5].
	9	• Display: "POWER 50M" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	–	–	Push [F-5].
	10	• Display: "POWER 50M Min" • Transmitting	–	[ANT1]	[MAIN DIAL]	1.5 W Push [F-5].
	11	• Display: "POWER 50M 10%" • Transmitting				10 W Push [F-5].
	12	• Display: "POWER 50M Tuner" • Transmitting				10 W Push [F-5].
	13	• Display: "POWER 50M 50%" • Transmitting				50 W Push [F-5].
	14	• Display: "POWER 50M 75%" • Transmitting				80 W Push [F-5].
	15	• Display: "POWER 50M 100%" • Transmitting				100 W Push [F-5].
POWER DOWN SETTING	16	• Display: "POWER Down HF/50M" • Transmitting	• Push [F-5]. (Automatically starts to transmit.)	–	[MAIN DIAL]	50 W Push [F-5].
AM CARRYER POWER RATIO	17	• Display: "POWER AM Ratio HF" • Transmitting	• Push [F-5]. (Automatically starts to transmit.)	–	[MAIN DIAL]	27 W Push [F-5].
ID APC	18	• Display: "ID-APC" • Receiving	1) Connect an ammeter to the power supply line. 2) Push [F-5]. (Automatically starts to transmit.)	Power supply line	[MAIN DIAL]	24–24.3 A Push [F-5].
ALC METER	19	• Display: "ALC HF/50M" • Transmitting	• Set the AG as; Frequency : 1.5 kHz Level : 10 mV	–	–	Push [F-5] (A beep sounds, and then another beeps sound 3 sec. later)
DRIVE GAIN	20	• Display: "DRIVE HF/50M" • Transmitting		–	–	Push [F-5].
SWR METER	21	• Display: "SWR HF/50M" • Transmitting		–	–	Push [F-5].
	Automatically returns to the transmit adjustment menu.					

• TRANSMIT ADJUSTMENTS (VHF band)

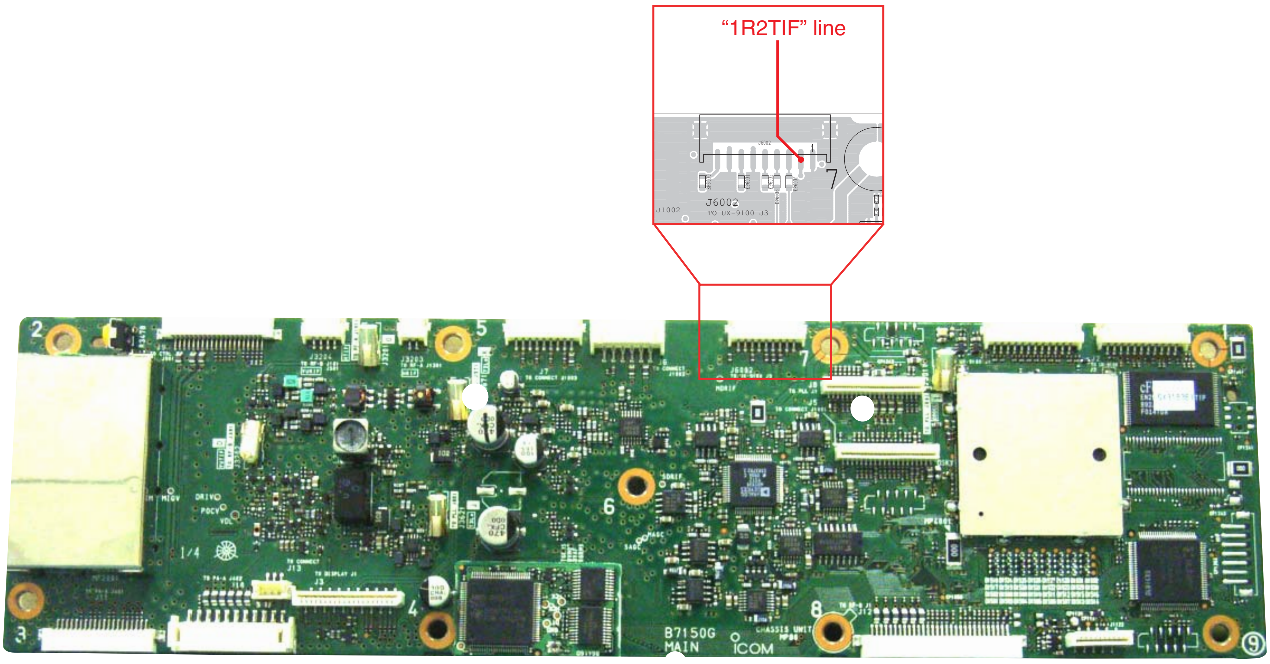
ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
PREPARATION		–	• Connect an AG and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level : 1 mV • Connect a power meter to [144MHz ANT].	–	–	–
TUNED BPF	1	• Display: "Tuned BPF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	–	–	Push [F-5].
	2	• Display: "Tuned BPF 1-1" • Transmitting	–	–	–	Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
	3*	• Display: "Tuned BPF 1-2" • Transmitting				
	4	• Display: "Tuned BPF 2-1" • Transmitting				
	5	• Display: "Tuned BPF 2-2" • Transmitting				
	6	• Display: "Tuned BPF 3-1" • Transmitting				
	7	• Display: "Tuned BPF 3-2" • Transmitting				
	8	• Display: "Tuned BPF 4-1" • Transmitting				
	9	• Display: "Tuned BPF 4-2" • Transmitting				
	10	• Display: "Tuned BPF 5-1" • Transmitting				
	11	• Display: "Tuned BPF 5-2" • Transmitting				
TX TOTAL GAIN	12	• Display: "Total Gain VHF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	[144MHz ANT]	[MAIN DIAL]	50 W Push [F-5].
TX POWER & POWER METER SETTING	13	• Display: "POWER VHF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	–	–	Push [F-5].
	14	• Display: "POWER VHF Min" • Transmitting	–	[144MHz ANT]	[MAIN DIAL]	1.5 W Push [F-5].
	15	• Display: "POWER VHF 10%" • Transmitting				10 W Push [F-5].
	16	• Display: "POWER VHF 50%" • Transmitting				50 W Push [F-5].
	17	• Display: "POWER VHF 75%" • Transmitting				75 W Push [F-5].
	18	• Display: "POWER VHF 100%" • Transmitting				100 W Push [F-5].
POWER DOWN SETTING	19	• Display: "POWER Down VHF" • Transmitting	• Push [F-5]. (Automatically starts to transmit.)	[144MHz ANT]	[MAIN DIAL]	50 W Push [F-5].

*: For RF-B UNIT adjustment (Page 4-8), set the value to "8A," using [MAIN DIAL].

• TRANSMIT ADJUSTMENTS (VHF band) (continued)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TX POWER (1.2 GHz BAND)	20	• Display: "POWER 1.2G" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	"FORV" on the display.	[MAIN DIAL]	2.600 V Push [F-5].
	21	• Display: "TX Total Gain 1.2G" • Transmitting	1) Connect a spectrum analyzer to the pin 2 of J6002, and then set it as; Center : 10.95 MHz Span : 100 kHz RBW : 3 kHz VBW : 100 Hz 2) Set the AG and millivoltmeter as; Frequency : 1.5 kHz Level : 1 mV	Pin 2 of J6002 (MAIN UNIT)	[MAIN DIAL]	–32.0 dBm (±0.1 dB) Push [F-5].
ALC METER	22	• Display: "ALC VHF" • Transmitting	• Set the AG as; Frequency : 1.5 kHz Level : 10 mV	–	–	Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
DRIVE GAIN	23	• Display: "DRIVE VHF" • Transmitting		–	–	Push [F-5].
SWR METER	24	• Display: "SWR VHF-1" • Transmitting		–	–	Push [F-5].
	25	• Display: "SWR VHF-2" • Transmitting	• Connect a 25 Ω dummy load to [144MHz ANT].	–	–	Push [F-5].
	Automatically returns to the transmit adjustment menu.					

• THE LOCATION OF CHECK POINT ON THE MAIN UNIT

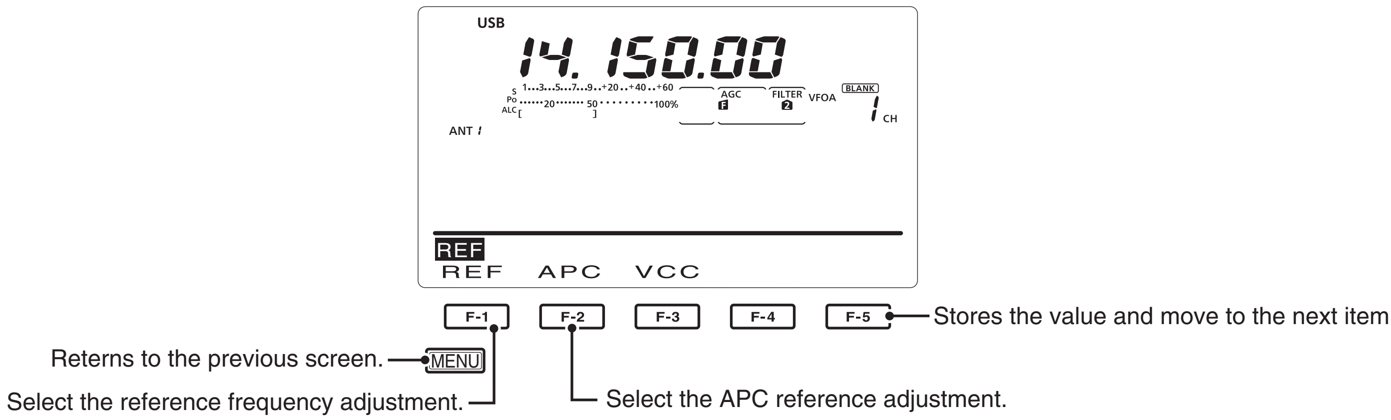


• TRANSMIT ADJUSTMENTS (UHF band)

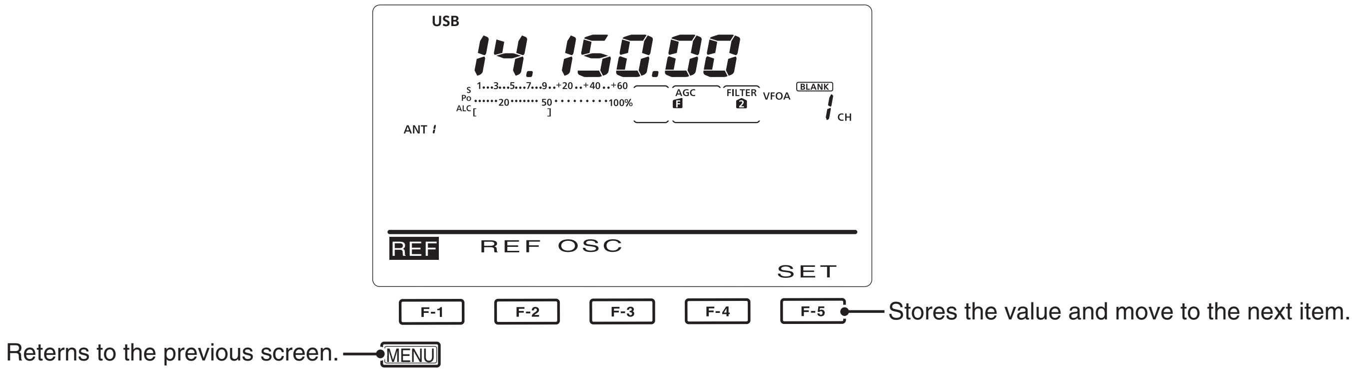
ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
PREPARATION		–	• Connect an AG and millivoltmeter to [MIC], and then set it as; Frequency : 1.5 kHz Level : 1 mV • Connect a power meter to [430MHz ANT].	–	–	–
TX TOTAL GAIN	1	• Display: "Total Gain UHF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	[430MHz ANT]	[MAIN DIAL]	37.5 W Push [F-5].
TX POWER & POWER METER SETTING	2	• Display: "POWER UHF" • Receiving	• Push [F-5]. (Automatically starts to transmit.)	–	–	Push [F-5].
	3	• Display: "POWER UHF Min" • Transmitting	–	[144MHz ANT]	[MAIN DIAL]	1.5 W Push [F-5].
	4	• Display: "POWER UHF 10%" • Transmitting				7.5 W Push [F-5].
	5	• Display: "POWER UHF 50%" • Transmitting				37.5 W Push [F-5].
	6	• Display: "POWER UHF 75%" • Transmitting				60 W Push [F-5].
	7	• Display: "POWER UHF 100%" • Transmitting				75 W Push [F-5].
POWER DOWN SETTING	8	• Display: "POWER Down UHF" • Transmitting	• Push [F-5]. (Automatically starts to transmit.)	[430MHz ANT]	[MAIN DIAL]	37.5 W Push [F-5].
ALC METER	9	• Display: "ALC UHF" • Transmitting	• Set the AG as; Frequency : 1.5 kHz Level : 10 mV	–	–	Push [F-5]. (A beep sounds, and then another beeps sound 3 sec. later)
DRIVE GAIN	10	• Display: "DRIVE UHF" • Transmitting		–	–	Push [F-5].
SWR METER	11	• Display: "SWR UHF-1" • Transmitting		–	–	Push [F-5].
	12	• Display: "SWR UHF-2" • Transmitting	• Connect a 25 Ω dummy load to [144MHz ANT].	–	–	Push [F-5].
	Automatically returns to the transmit adjustment menu.					

■ REFERENCE ADJUSTMENTS

• Reference adjustment menu.

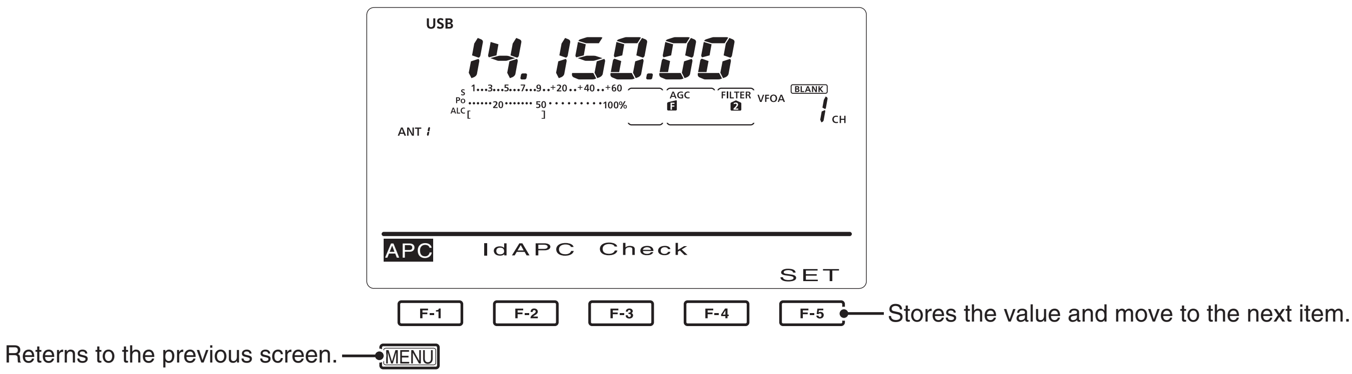


• REFERENCE FREQUENCY ADJUSTMENT



ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
REFERENCE FREQUENCY	1	–	• Connect a frequency counter to [430MHz ANT], through an attenuator.	–	–	–
	2	• Display: "REF OSC" • Transmitting	• Push [F-5]. (Automatically starts to transmit.)	[430MHz ANT]	[MAIN DIAL]	440.000000 MHz (±30 Hz) Push [F-5].
	Automatically returns to the reference adjustment menu. Push [MENU] to return to the main adjustment menu (Page 4-6).					

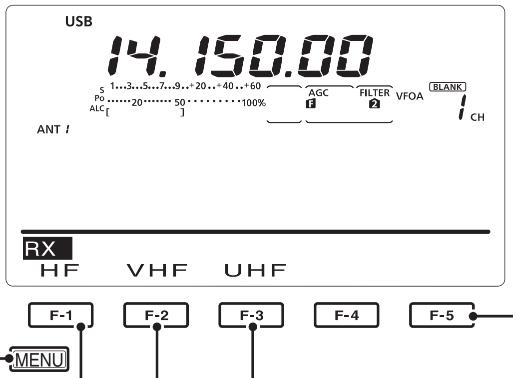
• APC REFERENCE ADJUSTMENT



ADJUSTMENT ITEM	TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
ID APC VERIFICATION	• Display: "IdAPC Check" • Transmitting	• Push [F-5]. (Automatically starts to transmit.)	–	–	Push [F-5]. (Beeps sound 1 sec. later)
	Automatically returns to the reference adjustment menu. Push [MENU] to return to the main adjustment menu (Page 4-6).				

■ RECEIVE ADJUSTMENTS

• Receive adjustment menu.



Stores the value and move to the next item. (F-5)

Reterns to the previous screen. (MENU)

Starts the receive adjustments (HF band). (See below) (F-1)

Starts the receive adjustments (VHF). (Page 4-19) (F-2)

Starts the transmit adjustments (UHF). (Page 4-20) (F-3)

• RECEIVE ADJUSTMENTS (HF band)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
PREPARATION		–	• Connect an SSG to [ANT1], and then set it as; Frequency : 14.1515 MHz Modulation : None Level† : +20 dBu (–87 dBm)	–	–	–
TOTAL GAIN	1	• Display: "Total Gain HF POFF" • Receiving	–	–	–	Push [F-5]. (Beeps sound 20–30 sec. later)
	2	• Display: "Total Gain HF PON" • Receiving	–	–	–	
EXTERNAL AGC	3	• Display: "AGC (HF)" • Receiving	• Set the SSG as; Level† : +70 dBu (–37 dBm)	–	–	Push [F-5]. (Beeps sound 40 sec. later)
S-METER	**NOTE: DO NOT** change the output level of the SSG until the beeps sound.					
	4	• Display: "S0 Level HF" • Receiving	• Set the SSG as; Level : OFF	–	–	Push [F-5]. (Beep sounds, and then another beeps sound 0.5 sec. later)
	5	• Display: "S9 Level HF" • Receiving	• Set the SSG as; Level† : +34 dBu (–73 dBm)			Push [F-5]. (Beep sounds, and then another beeps sound 1 sec. later)
	6	• Display: "S9+60 Level HF" • Receiving	• Set the SSG as; Level† : +90 dBu (–17 dBm)			
	Automatically returns to the receive adjustment menu.					

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

• RECEIVE ADJUSTMENTS (VHF band)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TUNED BPF	**NOTE: DO NOT** change the output level of the SSG until the beeps sound.					
	1	• Display: "Tuned BPF 1-1 VHF" • Transmitting	• Connect an SSG to [144MHz ANT], and then set it as; Frequency : 108.1015 MHz Modulation : None Level† : +20 dBu (–87 dBm)	–	–	Push [F-5]. (A beep sounds, and then another beeps sound 2.5 sec. later)
	2	• Display: "Tuned BPF 1-2 VHF" • Transmitting				
	3	• Display: "Tuned BPF 2-1 VHF" • Transmitting	• Set the SSG as; Frequency : 135.8015 MHz			
	4	• Display: "Tuned BPF 2-2 VHF" • Transmitting				
	5	• Display: "Tuned BPF 3-1 VHF" • Transmitting	• Set the SSG as; Frequency : 136.2015 MHz			
	6	• Display: "Tuned BPF 3-2 VHF" • Transmitting				
	7	• Display: "Tuned BPF 4-1 VHF" • Transmitting	• Set the SSG as; Frequency : 146.2015 MHz			
	8	• Display: "Tuned BPF 4-2 VHF" • Transmitting				
	9	• Display: "Tuned BPF 5-1 VHF" • Transmitting	• Set the SSG as; Frequency : 173.8015 MHz			
	10	• Display: "Tuned BPF 5-2 VHF" • Transmitting				
TOTAL GAIN	11	• Display: "Total Gain VHF" • Receiving	• Set the SSG as; Frequency : 145.8015 MHz Modulation : None Level† : 0 dBu (–107 dBm)	–	–	Push [F-5]. (Beeps sound 20–30 sec. later)
EXTERNAL AGC	12	• Display: "AGC (VHF)" • Receiving	• Set the SSG as; Level† : +60 dBu (–47 dBm)	–	–	Push [F-5]. (Beeps sound 40 sec. later)
S-METER	**NOTE: DO NOT** change the output level of the SSG until the beeps sound.					
	13	• Display: "S0 Level VHF" • Receiving	• Set the SSG as; Frequency : 146.2015 MHz Level : OFF	–	–	Push [F-5]. (Beep sounds, and then another beeps sound 0.5 sec. later)
	14	• Display: "S9 Level VHF" • Receiving	• Set the SSG as; Level† : +10 dBu (–97 dBm)			Push [F-5]. (Beep sounds, and then another beeps sound 1 sec. later)
	15	• Display: "S9+60 Level VHF" • Receiving	• Set the SSG as; Level† : +70 dBu (–37 dBm)			
	Automatically returns to the receive adjustment menu.					

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

• RECEIVE ADJUSTMENTS (UHF band)

ADJUSTMENT ITEM		TRANSCEIVER'S CONDITION	OPERATION	MEASURE POINT	ADJUST POINT	VALUE
TUNED BPF	**NOTE: DO NOT** change the output level of the SSG until the beeps sound.					
	1	• Display: "Tuned BPF 1-1 UHF" • Transmitting	• Connect an SSG to [430MHz ANT], and then set it as; Frequency : 420.2015 MHz Modulation : None Level† : +20 dBu (–87 dBm)	–	–	Push [F-5]. (A beep sounds, and then another beeps sound 2.5 sec. later)
	2	• Display: "Tuned BPF 1-2 UHF" • Transmitting				
	3	• Display: "Tuned BPF 2-1 UHF" • Transmitting	• Set the SSG as; Frequency : 440.2015 MHz			
	4	• Display: "Tuned BPF 2-2 UHF" • Transmitting				
	5	• Display: "Tuned BPF 3-1 UHF" • Transmitting	• Set the SSG as; Frequency : 479.8015 MHz			
	6	• Display: "Tuned BPF 3-2 UHF" • Transmitting				
TOTAL GAIN	7	• Display: "Total Gain UHF" • Receiving	• Set the SSG as; Frequency : 435.2015 MHz Modulation : None Level† : 0 dBu (–107 dBm)	–	–	Push [F-5]. (Beeps sound 20–30 sec. later)
EXTERNAL AGC	8	• Display: "AGC (UHF)" • Receiving	• Set the SSG as; Level† : +60 dBu (–47 dBm)	–	–	Push [F-5]. (Beeps sound 40 sec. later)
S-METER	**NOTE: DO NOT** change the output level of the SSG until the beeps sound.					
	9	• Display: "S0 Level UHF" • Receiving	• Set the SSG as; Level : OFF	–	–	Push [F-5]. (Beep sounds, and then another beeps sound 0.5 sec. later)
	10	• Display: "S9 Level UHF" • Receiving	• Set the SSG as; Level† : +10 dBu (–97 dBm)			Push [F-5]. (Beep sounds, and then another beeps sound 1 sec. later)
	11	• Display: "S9+60 Level UHF" • Receiving	• Set the SSG as; Level† : +70 dBu (–37 dBm)			
	Automatically returns to the receive adjustment menu.					

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

SECTION 5 PARTS LIST

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1001	1130010111	S.IC TC7WH04FU(TE12LF)	B	195.6/32.9
IC1041	1130012600	S.IC SN74AHC1G04DCKR	B	186.8/33.0
IC1081	1130015080	S.IC R1EX24512ASAS0A	B	234.1/5.7
IC1101	1110005731	S.IC S-80928CNMC-G8Y-G	T	224.8/5.4
IC1141	1130013010	S.IC SN74AHC1G08DCK3	T	226.0/9.4
IC1161	1130010160	S.IC TC74HC4052AF(ELF)	B	215.4/27.8
IC1162	1130010160	S.IC TC74HC4052AF(ELF)	B	216.2/16.3
IC1163	1110000960	S.IC NJM4558M-TE1-#FMZB	B	202.1/24.9
IC1201	1140015724	S.IC HD64F2378BVFQ35V (SX-3183A-5)	B	247.0/23.3
IC1261	1140015700	S.IC XC9572XL-10TQG100C (SX-3183D)	T	250.0/20.8
IC2001	1180003100	S.REG BD9302FP-E2	T	21.5/44.3
IC2101	1180003560	S.REG BA33BC0FP-E2	B	103.3/9.3
IC3201	1130012720	S.IC CD74HC4094PWR	B	40.5/41.2
IC3202	1130012720	S.IC CD74HC4094PWR	B	40.5/48.1
IC3203	1130012720	S.IC CD74HC4094PWR	B	40.5/55.0
IC3204	1130012000	S.IC M62352AGP C60Q	B	40.5/33.6
IC3251	1110004050	S.IC NJM3404AV-TE1-#FMZB	B	52.6/33.6
IC3271	1110005140	S.IC NJM3403AV-TE1-#ZZZB	B	62.4/30.5
IC3401	1110006300	S.IC NJM2172V-TE1-#ZZZB	B	108.5/53.4
IC3421	1140013200	S.IC CD4053BPWR	B	115.2/53.4
IC3422	1140013200	S.IC CD4053BPWR	B	131.5/51.3
IC3451	1130013110	S.IC KIC7W53FK-RTK/P	T	140.3/48.0
IC3452	1110005610	S.IC NJM2058V-TE1-#ZZZB	B	122.5/48.7
IC3453	1110005610	S.IC NJM2058V-TE1-#ZZZB	T	134.4/51.3
IC3501	1130013110	S.IC KIC7W53FK-RTK/P	B	87.7/67.4
IC3502	1130013110	S.IC KIC7W53FK-RTK/P	B	72.5/68.0
IC3503	1130013110	S.IC KIC7W53FK-RTK/P	B	61.4/68.3
IC3504	1130013110	S.IC KIC7W53FK-RTK/P	B	113.5/19.9
IC3505	1130013110	S.IC KIC7W53FK-RTK/P	B	107.6/19.9
IC3506	1130013110	S.IC KIC7W53FK-RTK/P	B	101.7/19.9
IC3507	1130012260	S.IC SN74AHC1G32DCKR	B	82.3/70.8
IC3508	1140013770	S.IC TC7SET125FU(TE85LF)	B	86.6/63.9
IC3509	1130013110	S.IC KIC7W53FK-RTK/P	B	84.9/70.6
IC3510	1130013110	S.IC KIC7W53FK-RTK/P	B	83.8/64.1
IC3511	1130012260	S.IC SN74AHC1G32DCKR	B	66.5/71.7
IC3512	1140013770	S.IC TC7SET125FU(TE85LF)	B	72.9/65.0
IC3513	1130013110	S.IC KIC7W53FK-RTK/P	B	69.3/71.5
IC3514	1130013110	S.IC KIC7W53FK-RTK/P	B	69.3/65.0
IC3515	1130012260	S.IC SN74AHC1G32DCKR	B	55.3/71.7
IC3516	1140013770	S.IC TC7SET125FU(TE85LF)	B	60.9/64.8
IC3517	1130013110	S.IC KIC7W53FK-RTK/P	B	58.1/71.5
IC3518	1130013110	S.IC KIC7W53FK-RTK/P	B	58.1/65.0
IC3522	1110005450	S.IC TS522IDT	B	118.5/39.7
IC3523	1110005100	S.IC NJM072BM-TE1-#ZZZB	B	126.8/32.5
IC3532	1110005450	S.IC TS522IDT	B	118.5/29.6
IC3601	1110005450	S.IC TS522IDT	B	83.8/34.7
IC3621	1110005461	S.IC TA4107F(TE12LF)	T	87.8/25.3
IC3675	1110006870	S.IC UPC2709TB-E3	T	94.7/49.0
IC3901	1130012610	S.IC SN74AHC1GU04DCKR	T	206.1/69.4
IC3902	1130012600	S.IC SN74AHC1G04DCKR	T	209.4/69.4
IC3913	1130014260	S.IC SN74LVC2GU04DCKR	B	201.0/54.5
IC3951	1130013010	S.IC SN74AHC1G08DCK3	B	246.5/45.5
IC3952	1110007480	S.IC S-80811CNNB-B9PT2G	B	246.6/42.8
IC4001	1140015160	S.IC ADSP-21369KSWZ-2A <FE>	T	222.2/45.7
IC4202	1130015672	S.IC EN29LV800CB-70TIP (SX-3183E-2)	T	252.1/58.5
IC4401	1110005450	S.IC TS522IDT	T	147.9/16.1
IC4402	1110005450	S.IC TS522IDT	T	148.9/24.6
IC4403	1110005610	S.IC NJM2058V-TE1-#ZZZB	T	161.2/13.9
IC4404	1110005610	S.IC NJM2058V-TE1-#ZZZB	T	168.6/25.8
IC4405	1110005610	S.IC NJM2058V-TE1-#ZZZB	T	177.7/36.1
IC4461	1130015070	S.IC AD1939YSTZ <FE>	T	160.6/39.1
IC4481	1110005450	S.IC TS522IDT	T	172.9/49.0
IC4482	1110000960	S.IC NJM4558M-TE1-#FMZB	T	143.5/34.9
IC4483	1110005450	S.IC TS522IDT	T	150.4/48.6
IC4601	1110000960	S.IC NJM4558M-TE1-#FMZB	B	159.7/69.1
IC4602	1110005450	S.IC TS522IDT	B	159.2/57.2
IC4603	1110005450	S.IC TS522IDT	B	169.9/62.7
IC4604	1130013110	S.IC KIC7W53FK-RTK/P	B	154.2/59.6
IC4605	1130012600	S.IC SN74AHC1G04DCKR	B	195.6/70.8
IC4651	1190002650	S.IC AK4620BVFP-E2/P	B	189.1/65.8
IC4661	1110005450	S.IC TS522IDT	B	175.3/55.4
IC5001	1140014830	S.IC ADSP-21375KSWZ-2B <FE>	B	222.5/55.6
IC5201	1130015040	S.IC MT48LC4M16A2P-75:G	B	248.4/59.4
IC5202	1130015683	S.IC EN29LV040A-70SCP (SX-3183F-3)	B	261.4/42.9
IC5401	1110000960	S.IC NJM4558M-TE1-#FMZB	B	164.1/46.9
IC5402	1110005450	S.IC TS522IDT	B	162.1/35.8
IC5403	1110005450	S.IC TS522IDT	B	176.7/44.0
IC5404	1130013110	S.IC KIC7W53FK-RTK/P	B	157.1/38.2
IC5405	1110005610	S.IC NJM2058V-TE1-#ZZZB	B	176.5/19.1
IC5451	1190002650	S.IC AK4620BVFP-E2/P	B	189.1/45.1
IC5452	1190002650	S.IC AK4620BVFP-E2/P	B	187.8/21.6
IC5453	1130012600	S.IC SN74AHC1G04DCKR	B	196.3/52.9
IC5481	1110005450	S.IC TS522IDT	B	169.1/31.3
IC5482	1110005450	S.IC TS522IDT	B	159.6/19.3
IC6001	1130013110	S.IC KIC7W53FK-RTK/P	B	129.9/16.6
IC6002	1130013110	S.IC KIC7W53FK-RTK/P	B	129.9/13.1
IC6101	1130009691	S.IC TC74HCT7007AF(F) S	T	178.6/26.2
IC6102	1130009691	S.IC TC74HCT7007AF(F) S	B	148.3/16.5
IC6103	1130009691	S.IC TC74HCT7007AF(F) S	B	203.0/9.0
Q1001	1590001650	S.TRA XP4601(TX)	B	190.5/31.5
Q1021	1590003680	S.TRA KRC402 RTK/P	B	192.9/36.6
Q2101	1590003680	S.TRA KRC402 RTK/P	B	104.6/15.5

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q2102	1550000160	S.FET CPH3313-TL-E	B	108.9/14.8
Q2201	1550000160	S.FET CPH3313-TL-E	T	74.7/6.0
Q2202	1590003680	S.TRA KRC402 RTK/P	T	69.1/6.2
Q3271	1530003960	S.TRA KTC2875-B-RTK/P	T	64.1/24.7
Q3272	1590004010	S.TRA KRA302-RTK/P	B	62.5/22.1
Q3275	1560001260	S.FET 2SK3018 T106	B	56.9/26.5
Q3276	1560001260	S.FET 2SK3018 T106	B	54.4/26.2
Q3301	1590004010	S.TRA KRA302-RTK/P	B	65.2/38.9
Q3302	1590003680	S.TRA KRC402 RTK/P	B	68.6/38.9
Q3303	1510000771	S.TRA 2SA1586-GR(TE85LF)	T	60.0/39.2
Q3305	1590003680	S.TRA KRC402 RTK/P	T	68.7/35.4
Q3306	1530003960	S.TRA KTC2875-B-RTK/P	T	65.0/35.5
Q3631	1580000820	S.FET 3SK264-5-TG-E	T	78.0/26.9
Q3651	1580000820	S.FET 3SK264-5-TG-E	T	81.2/45.7
Q3681	1590004010	S.TRA KRA302-RTK/P	B	65.0/48.9
Q3682	1590003680	S.TRA KRC402 RTK/P	B	65.0/46.3
Q3691	1590004010	S.TRA KRA302-RTK/P	B	65.1/55.4
Q3692	1590003680	S.TRA KRC402 RTK/P	B	65.1/52.8
Q3701	1590003680	S.TRA KRC402 RTK/P	T	52.3/56.3
Q3702	1590003680	S.TRA KRC402 RTK/P	T	52.3/53.1
Q3703	1590003680	S.TRA KRC402 RTK/P	T	55.3/56.3
Q3801	1530003900	S.TRA KTC4075 BL-RTK/P	B	88.1/44.2
Q3802	1530003900	S.TRA KTC4075 BL-RTK/P	B	95.3/42.5
Q4601	1590003680	S.TRA KRC402 RTK/P	B	150.4/59.5
Q5401	1590003680	S.TRA KRC402 RTK/P	B	153.3/38.6
D1	1790001241	S.DIO MA2S7280GL	T	233.4/66.8
D301	1790001241	S.DIO MA2S7280GL	T	54.2/24.9
D302	1790001241	S.DIO MA2S7280GL	T	67.9/24.2
D1001	1750001320	S.DIO KDS4148U RTK/P	B	189.7/34.6
D1021	1750001180	S.DIO KDS122 RTK/P	B	201.3/34.9
D1022	1750001180	S.DIO KDS122 RTK/P	B	196.5/36.9
D1121	1750001320	S.DIO KDS4148U RTK/P	T	241.9/6.5
D1141	1750001710	S.DIO RB751V-40 TE-17	T	234.3/11.5
D1172	1750001320	S.DIO KDS4148U RTK/P	B	220.7/25.3
D1173	1790001241	S.DIO MA2S7280GL	B	221.7/10.2
D1174	1750001320	S.DIO KDS4148U RTK/P	B	208.9/20.2
D1175	1750001320	S.DIO KDS4148U RTK/P	B	207.6/33.7
D1201	1750001180	S.DIO KDS122 RTK/P	B	242.0/7.8
D1202	1750001180	S.DIO KDS122 RTK/P	B	241.7/4.2
D1203	1750001180	S.DIO KDS122 RTK/P	B	245.3/4.1
D1204	1750001180	S.DIO KDS122 RTK/P	B	248.8/4.1
D1281	1750001320	S.DIO KDS4148U RTK/P	B	234.3/13.1
D1282	1750001180	S.DIO KDS122 RTK/P	B	200.6/30.6
D1283	1750001180	S.DIO KDS122 RTK/P	B	211.8/4.2
D1331	1750001180	S.DIO KDS122 RTK/P	B	209.3/4.2
D1332	1750001180	S.DIO KDS122 RTK/P	B	214.3/4.3
D1333	1750001180	S.DIO KDS122 RTK/P	B	252.3/4.1
D1334	1750001180	S.DIO KDS122 RTK/P	B	216.8/4.2
D1501	1750002020	S.DIO DA2S10100L	T	212.3/20.4
D1502	1750002020	S.DIO DA2S10100L	T	212.3/21.6
D1503	1750002020	S.DIO DA2S10100L [USA]	T	215.1/20.4
	1750002020	S.DIO DA2S10100L [EUR]		
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [ITR]		
	1750002020	S.DIO DA2S10100L [ESP]		
	1750002020	S.DIO DA2S10100L [TPE]		
	1750002020	S.DIO DA2S10100L [KOR]		
	1750002020	S.DIO DA2S10100L [CHN]		
	1750002020	S.DIO DA2S10100L [EXP]		
D1504	1750002020	S.DIO DA2S10100L	T	217.9/20.4
D1505	1750002020	S.DIO DA2S10100L	T	220.7/20.4
D1506	1750002020	S.DIO DA2S10100L [CHN]	T	223.5/20.4
	1750002020	S.DIO DA2S10100L [FRA]		
	1750002020	S.DIO DA2S10100L [EXP]		
D1507	1750002020	S.DIO DA2S10100L [ITR]	T	226.3/20.4
	1750002020	S.DIO DA2S10100L [ESP]		
	1750002020	S.DIO DA2S10100L [TPE]		
	1750002020	S.DIO DA2S10100L [KOR]		
D1508	1750002020	S.DIO DA2S10100L	T	215.1/21.6
D1509	1750002020	S.DIO DA2S10100L	T	217.9/21.6
D1510	1750002020	S.DIO DA2S10100L	T	220.7/21.6
D1511	1750002020	S.DIO DA2S10100L	T	223.5/21.6
D1512	1750002020	S.DIO DA2S10100L	T	226.3/21.6
D1513	1750002020	S.DIO DA2S10100L [EUR]	T	229.1/20.4
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [TPE]		
	1750002020	S.DIO DA2S10100L [KOR]		
	1750002020	S.DIO DA2S10100L [EXP]		
D1514	1750002020	S.DIO DA2S10100L [USA]	T	231.9/20.4
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [ESP]		
	1750002020	S.DIO DA2S10100L [KOR]		
	1750002020	S.DIO DA2S10100L [FRA]		
D1515	1750002020	S.DIO DA2S10100L [EUR]	T	229.1/21.6
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [ITR]		
	1750002020	S.DIO DA2S10100L [ESP]		
	1750002020	S.DIO DA2S10100L [TPE]		
	1750002020	S.DIO DA2S10100L [KOR]		
	1750002020	S.DIO DA2S10100L [CHN]		
	1750002020	S.DIO DA2S10100L [FRA]		
	1750002020	S.DIO DA2S10100L [EXP]		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
D1516	1750002020	S.DIO DA2S10100L [EUR]	T	231.9/21.6
	1750002020	S.DIO DA2S10100L [TPE]		
	1750002020	S.DIO DA2S10100L [CHN]		
	1750002020	S.DIO DA2S10100L [FRA]		
D1517	1750002020	S.DIO DA2S10100L [EUR]	T	212.3/22.8
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [ITR]		
	1750002020	S.DIO DA2S10100L [ESP]		
	1750002020	S.DIO DA2S10100L [TPE]		
	1750002020	S.DIO DA2S10100L [KOR]		
	1750002020	S.DIO DA2S10100L [CHN]		
	1750002020	S.DIO DA2S10100L [FRA]		
D1518	1750002020	S.DIO DA2S10100L [KOR] only	T	212.3/24.0
D1519	1750002020	S.DIO DA2S10100L [EUR]	T	215.1/22.8
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [ITR]		
	1750002020	S.DIO DA2S10100L [FRA]		
D1520	1750002020	S.DIO DA2S10100L	T	217.9/22.8
D1523	1750002020	S.DIO DA2S10100L [EUR]	T	226.3/22.8
	1750002020	S.DIO DA2S10100L [EUR-01]		
	1750002020	S.DIO DA2S10100L [ITR]		
	1750002020	S.DIO DA2S10100L [ESP]		
	1750002020	S.DIO DA2S10100L [FRA]		
D1527	1750002020	S.DIO DA2S10100L	T	223.5/24.0
D1528	1750002020	S.DIO DA2S10100L	T	226.3/24.0
D1530	1750002020	S.DIO DA2S10100L [USA]	T	231.9/22.8
	1750002020	S.DIO DA2S10100L [KOR]		
D1531	1750002020	S.DIO DA2S10100L	T	229.1/24.0
D1532	1750002020	S.DIO DA2S10100L	T	231.9/24.0
D2001	1750000960	S.DIO RB081L-20	T	20.0/35.8
D2002	1750000960	S.DIO RB081L-20	T	20.0/52.9
D3252	1750001320	S.DIO KDS4148U RTK/P	T	63.2/29.4
D3253	1750001320	S.DIO KDS4148U RTK/P	T	67.8/28.4
D3254	1750001320	S.DIO KDS4148U RTK/P	T	69.4/31.0
D3271	1750001320	S.DIO KDS4148U RTK/P	T	61.9/34.4
D3272	1790001241	S.DIO MA2S7280GL	T	57.5/30.0
D3274	1750001320	S.DIO KDS4148U RTK/P	T	61.4/29.2
D3275	1790001241	S.DIO MA2S7280GL	T	58.2/33.0
D3277	1750001320	S.DIO KDS4148U RTK/P	B	59.0/25.4
D3278	1790001241	S.DIO MA2S7280GL	B	45.6/34.1
D3279	1750001320	S.DIO KDS4148U RTK/P	B	56.7/19.7
D3280	1750001320	S.DIO KDS4148U RTK/P	B	51.2/25.3
D3281	1750001320	S.DIO KDS4148U RTK/P	B	53.2/22.7
D3301	1750001320	S.DIO KDS4148U RTK/P	T	62.2/39.4
D3302	1750001320	S.DIO KDS4148U RTK/P	T	54.5/37.5
D3303	1750001320	S.DIO KDS4148U RTK/P	T	52.9/39.7
D3304	1790001331	S.ZEN MAZ8036GLL	T	56.3/39.7
D3431	1790001670	S.DIO RB706F-40T106	T	118.0/45.0
D3451	1790001241	S.DIO MA2S7280GL	B	137.1/51.9
D3521	1750001320	S.DIO KDS4148U RTK/P	T	121.4/39.7
D3522	1750001320	S.DIO KDS4148U RTK/P	T	121.4/37.8
D3523	1750001180	S.DIO KDS122 RTK/P	B	127.4/39.8
D3531	1750001320	S.DIO KDS4148U RTK/P	T	121.4/29.6
D3532	1750001320	S.DIO KDS4148U RTK/P	T	121.4/27.8
D3533	1750001180	S.DIO KDS122 RTK/P	B	131.4/27.9
D3671	1750000431	S.DIO HSB88WSTR-E	T	82.4/57.4
D3681	1790001621	S.DIO 1SV308(TPL3F)	T	69.8/55.0
D3682	1790001621	S.DIO 1SV308(TPL3F)	B	56.6/55.3
D3691	1790001621	S.DIO 1SV308(TPL3F)	T	69.8/58.4
D3692	1790001621	S.DIO 1SV308(TPL3F)	B	56.5/58.1
D3701	1790001621	S.DIO 1SV308(TPL3F)	B	53.5/58.1
D3702	1790001621	S.DIO 1SV308(TPL3F)	B	55.0/55.3
D3703	1790001621	S.DIO 1SV308(TPL3F)	B	55.0/58.1
D3801	1750001180	S.DIO KDS122 RTK/P	B	91.8/44.2
D4401	1750001180	S.DIO KDS122 RTK/P	T	162.4/19.3
D4402	1750001180	S.DIO KDS122 RTK/P	T	159.9/19.3
D4403	1750001180	S.DIO KDS122 RTK/P	T	162.4/22.2
D4404	1750001180	S.DIO KDS122 RTK/P	T	159.9/22.2
D4601	1750001180	S.DIO KDS122 RTK/P	B	165.0/69.1
D4602	1730002840	S.ZEN DZ2J02400L	B	153.0/55.3
D4603	1730002840	S.ZEN DZ2J02400L	B	155.5/62.5
D5401	1750001180	S.DIO KDS122 RTK/P	B	170.6/46.9
D5402	1730002840	S.ZEN DZ2J02400L	B	155.5/33.9
D5403	1730002840	S.ZEN DZ2J02400L	B	158.5/41.2
FI3641	2020001070	CER CFWLA455KDFA-B0 (CFWS455D)		
X1201	6050011810	S.XTA CR-755 SMD-49 15.9744 MHz <KDS>	B	264.3/17.8
X3901	6050012980	S.XTA CR-891 TAS-2016B 24.576 MHz	T	202.1/72.9
L2001	6200013280	S.COI SLF10145T-330M1R6-PF	T	10.7/32.5
L2002	6200013280	S.COI SLF10145T-330M1R6-PF	T	22.0/28.8
L2003	6200013280	S.COI SLF10145T-330M1R6-PF	T	10.7/54.4
L3401	6200002041	S.COI NLV25T-101J	T	112.6/52.8
L3411	6200003520	S.COI ELJFB 102K-F	T	94.0/44.6
L3621	6200002041	S.COI NLV25T-101J	T	90.6/21.5
L3622	6200002041	S.COI NLV25T-101J	B	90.2/24.3
L3623	6200002041	S.COI NLV25T-101J	T	84.9/22.5
L3631	6200002041	S.COI NLV25T-101J	T	84.3/29.8
L3632	6200003520	S.COI ELJFB 102K-F	T	81.1/30.8
L3651	6200002041	S.COI NLV25T-101J	B	82.5/40.8
L3652	6150005420	COI LS-554 7QM		
L3671	6140004680	S.COI LR-528 4KBL	T	75.1/57.4
L3672	6140002810	S.COI LR-317	T	89.5/57.4
L3673	6200002041	S.COI NLV25T-101J	B	67.2/60.4
L3675	6200001981	S.COI NLV25T-1R0J	T	92.1/48.5
L3681	6200002041	S.COI NLV25T-101J	T	67.3/52.6
L3682	6200002851	S.COI NLV25T-R82J	T	64.2/51.1
L3683	6200003661	S.COI NLV25T-R68J	T	60.9/53.9
L3684	6200002041	S.COI NLV25T-101J	T	57.8/52.4

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L3691	6200001981	S.COI NLV25T-1R0J	T	67.4/59.1
L3692	6200010670	S.COI C2520C-R18G-A (0.18U)	T	64.3/57.6
L3693	6200011410	S.COI C2520C-82NG-A	T	60.8/60.8
L3694	6200001981	S.COI NLV25T-1R0J	T	57.8/58.9
L3912	6200002041	S.COI NLV25T-101J	B	201.2/51.9
L4681	6200001981	S.COI NLV25T-1R0J	B	197.2/73.3
L5521	6200001981	S.COI NLV25T-1R0J	B	193.8/54.2
R1	7030010040	S.RES ERJ2GEJ-JPW	T	231.7/67.8
R2	7030010040	S.RES ERJ2GEJ-JPW	T	229.8/67.8
R3	7030010040	S.RES ERJ2GEJ-JPW	T	227.3/67.8
R4	7030010040	S.RES ERJ2GEJ-JPW	T	225.7/67.8
R5	7030010040	S.RES ERJ2GEJ-JPW	T	224.1/67.8
R6	7030010040	S.RES ERJ2GEJ-JPW	T	222.5/67.8
R7	7030010040	S.RES ERJ2GEJ-JPW	T	220.9/67.8
R9	7030010040	S.RES ERJ2GEJ-JPW	T	217.7/67.8
R10	7030010040	S.RES ERJ2GEJ-JPW	T	219.3/67.8
R11	7030010040	S.RES ERJ2GEJ-JPW	T	215.0/67.8
R12	7030010040	S.RES ERJ2GEJ-JPW	T	213.4/67.8
R21	7030010040	S.RES ERJ2GEJ-JPW	T	256.1/67.3
R22	7030010040	S.RES ERJ2GEJ-JPW	T	256.1/68.5
R23	7030010040	S.RES ERJ2GEJ-JPW	T	253.8/66.9
R24	7030010040	S.RES ERJ2GEJ-JPW	T	252.0/66.9
R25	7030010040	S.RES ERJ2GEJ-JPW	T	248.3/66.9
R26	7030010040	S.RES ERJ2GEJ-JPW	T	246.6/66.9
R27	7030010040	S.RES ERJ2GEJ-JPW	T	242.7/66.9
R28	7030010040	S.RES ERJ2GEJ-JPW	T	239.2/67.6
R31	7030004990	S.RES ERJ2GEJ 221 X (220)	T	84.3/7.5
R32	7030004990	S.RES ERJ2GEJ 221 X (220)	T	83.3/7.5
R33	7030004990	S.RES ERJ2GEJ 221 X (220)	T	82.3/7.5
R34	7030004990	S.RES ERJ2GEJ 221 X (220)	T	81.3/7.5
R37	7030004990	S.RES ERJ2GEJ 221 X (220)	T	78.3/7.5
R38	7030004990	S.RES ERJ2GEJ 221 X (220)	T	79.3/7.5
R51	7030004990	S.RES ERJ2GEJ 221 X (220)	T	197.0/42.6
R52	7030004990	S.RES ERJ2GEJ 221 X (220)	T	196.6/48.5
R53	7030005530	S.RES ERJ2GEJ 100 X (10)	T	192.8/42.6
R54	7030010040	S.RES ERJ2GEJ-JPW	T	192.5/48.5
R56	7030004990	S.RES ERJ2GEJ 221 X (220)	T	194.5/48.5
R57	7030004990	S.RES ERJ2GEJ 221 X (220)	T	193.7/42.6
R58	7030004990	S.RES ERJ2GEJ 221 X (220)	T	193.5/48.5
R59	7030004990	S.RES ERJ2GEJ 221 X (220)	T	191.9/42.6
R60	7030004990	S.RES ERJ2GEJ 221 X (220)	T	191.4/48.5
R61	7030004990	S.RES ERJ2GEJ 221 X (220)	T	191.0/42.6
R62	7030004990	S.RES ERJ2GEJ 221 X (220)	T	190.5/48.5
R63	7030004990	S.RES ERJ2GEJ 221 X (220)	T	190.0/42.6
R64	7030004990	S.RES ERJ2GEJ 221 X (220)	T	189.5/48.5
R65	7030004990	S.RES ERJ2GEJ 221 X (220)	T	189.0/42.6
R66	7030004990	S.RES ERJ2GEJ 221 X (220)	T	188.5/48.5
R67	7030004990	S.RES ERJ2GEJ 221 X (220)	T	188.0/42.6
R68	7030004990	S.RES ERJ2GEJ 221 X (220)	T	187.5/48.5
R70	7030004990	S.RES ERJ2GEJ 221 X (220)	T	186.5/48.5
R71	7030004990	S.RES ERJ2GEJ 221 X (220)	T	185.9/42.6
R72	7030004990	S.RES ERJ2GEJ 221 X (220)	T	185.5/48.5
R73	7030004990	S.RES ERJ2GEJ 221 X (220)	T	185.0/42.6
R74	7030004990	S.RES ERJ2GEJ 221 X (220)	T	184.5/48.5
R75	7030004990	S.RES ERJ2GEJ 221 X (220)	T	184.0/42.6
R76	7030004990	S.RES ERJ2GEJ 221 X (220)	T	183.5/48.5
R77	7030004990	S.RES ERJ2GEJ 221 X (220)	T	183.0/42.6
R78	7030004990	S.RES ERJ2GEJ 221 X (220)	T	182.5/48.5
R79	7030004990	S.RES ERJ2GEJ 221 X (220)	T	180.0/42.6
R80	7030004990	S.RES ERJ2GEJ 221 X (220)	T	179.5/48.5
R141	7030004990	S.RES ERJ2GEJ 221 X (220)	T	177.6/63.1
R142	7030004990	S.RES ERJ2GEJ 221 X (220)	T	177.3/57.2
R143	7030004990	S.RES ERJ2GEJ 221 X (220)	T	178.6/63.1
R144	7030010040	S.RES ERJ2GEJ-JPW	T	178.3/57.2
R145	7030004990	S.RES ERJ2GEJ 221 X (220)	T	179.6/63.1
R146	7030004990	S.RES ERJ2GEJ 221 X (220)	T	180.1/57.2
R147	7030004990	S.RES ERJ2GEJ 221 X (220)	T	180.6/63.1
R148	7030004990	S.RES ERJ2GEJ 221 X (220)	T	181.1/57.2
R149	7030004990	S.RES ERJ2GEJ 221 X (220)	T	181.6/63.1
R150	7030004990	S.RES ERJ2GEJ 221 X (220)	T	182.1/57.2
R151	7030004990	S.RES ERJ2GEJ 221 X (220)	T	182.6/63.1
R152	7030004990	S.RES ERJ2GEJ 221 X (220)	T	183.1/57.2
R153	7030004990	S.RES ERJ2GEJ 221 X (220)	T	183.6/63.1
R154	7030004990	S.RES ERJ2GEJ 221 X (220)	T	194.1/57.2
R155	7030004990	S.RES ERJ2GEJ 221 X (220)	T	194.6/63.1
R156	7030004990	S.RES ERJ2GEJ 221 X (220)	T	195.1/57.2
R157	7030004990	S.RES ERJ2GEJ 221 X (220)	T	195.6/63.1
R158	7030004990	S.RES ERJ2GEJ 221 X (220)	T	196.1/57.2
R191	7030004990	S.RES ERJ2GEJ 221 X (220)	T	53.8/66.9
R192	7030004990	S.RES ERJ2GEJ 221 X (220)	T	52.8/66.9
R193	7030004990	S.RES ERJ2GEJ 221 X (220)	T	51.8/66.9
R194	7030004990	S.RES ERJ2GEJ 221 X (220)	T	50.8/66.9
R195	7030004990	S.RES ERJ2GEJ 221 X (220)	T	49.8/66.9
R197	7030004990	S.RES ERJ2GEJ 221 X (220)	T	47.8/66.9
R198	7030010040	S.RES ERJ2GEJ-JPW	T	46.8/66.9
R199	7030004990	S.RES ERJ2GEJ 221 X (220)	T	45.8/66.9
R200	7030004990	S.RES ERJ2GEJ 221 X (220)	T	44.8/66.9
R201	7030004990	S.RES ERJ2GEJ 221 X (220)	T	43.8/66.9
R212	7030004990	S.RES ERJ2GEJ 221 X (220)	T	42.4/12.2
R236	7030004990	S.RES ERJ2GEJ 221 X (220)	T	17.0/10.0
R238	7030004990	S.RES ERJ2GEJ 221 X (220)	T	19.0/10.0
R239	7030004990	S.RES ERJ2GEJ 221 X (220)	T	20.0/10.0
R240	7030004990	S.RES ERJ2GEJ 221 X (220)	T	21.0/10.0
R242	7030004990	S.RES ERJ2GEJ 221 X (220)	T	23.0/10.0
R243	7030004990	S.RES ERJ2GEJ 221 X (220)	T	24.0/10.0
R245	7030004990	S.RES ERJ2GEJ 221 X (220)	T	26.0/10.0
R246	7030004990	S.RES ERJ2GEJ 221 X (220)	T	27.0/10.0
R247	7030004990	S.RES ERJ2GEJ 221 X (220)	T	28.0/10.0
R248	7030004990	S.RES ERJ2GEJ 221 X (220)	T	29.0/10.0
R249	7030004990	S.RES ERJ2GEJ 221 X (220)	T	30.0/10.0
R263	7030004990	S.RES ERJ2GEJ 221 X (220)	T	197.8/10.0
R264	7030004990	S.RES ERJ2GEJ 221 X (220)	T	198.8/10.0
R265	7030004990	S.RES ERJ2GEJ 221 X (220)	T	199.8/10.0

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R266	7030004990	S.RES ERJ2GEJ 221 X (220)	T	200.8/10.0
R267	7030004990	S.RES ERJ2GEJ 221 X (220)	T	201.8/10.0
R268	7030004990	S.RES ERJ2GEJ 221 X (220)	T	203.2/10.0
R270	7030004990	S.RES ERJ2GEJ 221 X (220)	T	204.8/10.0
R271	7030004990	S.RES ERJ2GEJ 221 X (220)	T	205.8/10.0
R272	7030004990	S.RES ERJ2GEJ 221 X (220)	T	206.8/10.0
R273	7030004990	S.RES ERJ2GEJ 221 X (220)	T	207.8/10.0
R274	7030004990	S.RES ERJ2GEJ 221 X (220)	T	208.8/10.0
R275	7030004990	S.RES ERJ2GEJ 221 X (220)	T	209.8/10.0
R276	7030004990	S.RES ERJ2GEJ 221 X (220)	T	210.8/10.0
R277	7030004990	S.RES ERJ2GEJ 221 X (220)	T	211.8/10.0
R278	7030004990	S.RES ERJ2GEJ 221 X (220)	T	212.8/10.0
R279	7030004990	S.RES ERJ2GEJ 221 X (220)	T	214.0/10.0
R280	7030010040	S.RES ERJ2GEJ-JPW	T	215.5/10.0
R1001	7030010040	S.RES ERJ2GEJ-JPW	B	190.9/33.2
R1002	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	188.6/32.7
R1003	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	188.6/31.1
R1004	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	192.3/31.7
R1005	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	193.7/30.7
R1006	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	199.1/32.1
R1007	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	199.1/33.2
R1021	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	244.3/36.4
R1022	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	194.7/35.3
R1023	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	196.1/38.7
R1024	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	199.1/35.8
R1025	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	199.1/34.2
R1041	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	194.7/16.5
R1042	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	195.6/16.5
R1043	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	247.7/10.9
R1044	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	184.9/32.5
R1061	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	198.8/14.9
R1062	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	238.8/7.5
R1063	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	245.1/9.0
R1064	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	243.9/8.6
R1066	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	261.3/25.7
R1081	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	238.8/5.7
R1082	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	238.8/6.6
R1101	7030005720	S.RES ERJ2GEJ 563 X (56K)	T	222.6/6.8
R1102	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	221.4/5.8
R1103	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	224.3/7.6
R1104	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	221.4/4.1
R1121	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	254.0/9.5
R1122	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	253.0/9.5
R1123	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	252.0/9.5
R1124	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	250.0/9.5
R1125	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	249.0/9.5
R1126	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	227.9/8.3
R1127	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	236.1/9.1
R1128	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	234.5/9.1
R1141	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	225.9/7.6
R1161	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	209.8/28.3
R1162	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	221.7/18.4
R1163	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	210.8/14.0
R1164	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	222.4/26.4
R1165	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	209.8/30.3
R1166	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	221.7/13.7
R1167	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	222.6/24.6
R1168	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	209.5/25.5
R1169	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	221.7/12.5
R1170	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	210.6/10.0
R1171	7030004990	S.RES ERJ2GEJ 221 X (220)	B	222.8/29.5
R1172	7030004990	S.RES ERJ2GEJ 221 X (220)	B	211.1/20.6
R1173	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	221.7/16.4
R1174	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	210.5/12.0
R1175	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	210.4/16.0
R1176	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	216.0/34.0
R1177	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	207.7/29.3
R1178	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	222.9/17.1
R1179	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	215.6/8.7
R1180	7030005530	S.RES ERJ2GEJ 100 X (10)	B	207.2/25.1
R1181	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	221.9/29.5
R1182	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	209.8/23.7
R1183	7030010040	S.RES ERJ2GEJ-JPW	B	209.0/34.5
R1184	7030005530	S.RES ERJ2GEJ 100 X (10)	B	199.4/21.4
R1186	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	197.1/24.3
R1187	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	207.2/27.1
R1188	7030004980	S.RES ERJ2GEJ 101 X (100)	B	197.0/27.9
R1189	7030004980	S.RES ERJ2GEJ 101 X (100)	B	207.1/21.5
R1191	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	207.2/26.1
R1201	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	254.3/5.1
R1202	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	252.3/7.8
R1203	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	250.7/7.8
R1204	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	249.1/7.8
R1205	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	241.8/6.0
R1206	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	243.5/3.6
R1207	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	247.0/4.1
R1208	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	250.5/4.1
R1209	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	249.1/6.0
R1210	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	250.7/6.0
R1211	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	252.3/6.0
R1212	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	254.3/3.3
R1213	7030010040	S.RES ERJ2GEJ-JPW	B	247.5/7.3
R1214	7030010040	S.RES ERJ2GEJ-JPW	B	246.6/7.3
R1215	7030010040	S.RES ERJ2GEJ-JPW	B	245.7/7.3
R1216	7030010040	S.RES ERJ2GEJ-JPW	B	244.8/7.3
R1217	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	246.8/10.9
R1218	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	245.9/10.7
R1219	7030009160	S.RES ERJ2GEJ 181 X (180)	B	261.1/22.5
R1220	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	263.0/27.5
R1221	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	261.3/26.6
R1222	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	259.7/25.3
R1241	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	266.3/50.1
R1261	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	259.8/27.7
R1281	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	261.3/27.5
R1282	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	242.8/36.4

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R1283	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	234.3/14.5
R1284	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	234.9/11.7
R1285	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	234.6/32.6
R1286	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	259.3/22.0
R1287	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	234.7/19.1
R1288	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	199.8/28.8
R1289	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	249.7/36.4
R1290	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	250.6/36.4
R1301	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	195.2/28.4
R1302	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	201.2/22.9
R1303	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	239.3/22.6
R1304	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	208.2/25.1
R1305	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	199.5/26.5
R1306	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	199.5/25.5
R1311	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	150.8/22.0
R1312	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	201.8/3.6
R1313	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	206.8/3.6
R1314	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	148.3/22.0
R1315	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	240.0/10.5
R1321	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	240.4/16.9
R1322	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	238.9/17.4
R1323	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	264.7/13.9
R1324	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	235.8/33.1
R1325	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	252.1/11.0
R1326	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	266.4/14.2
R1331	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	209.4/7.4
R1332	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	246.7/9.5
R1341	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	255.3/30.9
R1342	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	256.7/30.8
R1351	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	233.7/32.1
R1353	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	211.7/26.1
R1354	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	192.3/65.6
R1361	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	239.3/23.5
R1362	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	200.3/22.9
R1363	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	239.9/27.4
R1364	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	239.3/15.8
R1365	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	239.9/26.4
R1366	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	240.4/17.9
R1367	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	239.9/25.4
R1371	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	233.0/19.0
R1372	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	254.2/30.9
R1373	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	248.9/10.3
R1374	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	248.9/11.2
R1375	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	263.0/28.4
R1376	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	260.8/14.9
R1377	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	231.1/20.4
R1378	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	231.1/21.3
R1379	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	231.0/22.2
R1380	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	232.4/23.0
R1381	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	233.4/16.3
R1382	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	233.4/17.2
R1383	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	233.7/23.3
R1384	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	233.7/24.2
R1385	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	233.7/25.1
R1386	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	233.7/26.0
R1391	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	248.8/36.4
R1392	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	237.7/35.6
R1401	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	191.4/6.3
R1402	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	251.8/36.4
R1405	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	218.5/3.6
R1406	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	219.5/3.6
R1407	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	221.6/3.6
R1408	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	253.3/36.4
R1501	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	252.8/30.9
R1502	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	251.8/30.9
R1503	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	250.8/30.9
R1504	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	248.0/30.5
R2001	7030006561	S.RES ERA3YED 223V (22K)	T	29.0/43.2
R2002	7030005871	S.RES ERA3YKD 104V (100K)	T	28.3/41.0
R2003	7030005451	S.RES ERA3YED 153V (15K)	T	27.7/43.2
R2004	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	27.1/38.3
R2005	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	27.1/49.5
R2006	7030006561	S.RES ERA3YED 223V (22K)	T	28.6/46.0
R2007	7030006561	S.RES ERA3YED 223V (22K)	T	27.5/50.5
R2008	7030008061	S.RES ERA3YED 222V (2.2K)	T	28.6/48.6
R2009	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	28.9/38.3
R2010	7030000010	S.RES MCR10EZHJ JPW (000)	T	10.6/26.0
R2011	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	28.0/51.7
R2012	7030010040	S.RES ERJ2GEJ-JPW	T	16.4/37.6
R2013	7030010040	S.RES ERJ2GEJ-JPW	T	13.4/48.2
R2021	7030000010	S.RES MCR10EZHJ JPW (000)	T	4.9/20.6
R2101	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	106.7/15.0
R2102	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	106.6/16.3
R2103	7030010610	S.RES ERJ1TYJ 470U (47)	B	84.6/12.5
R2201	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	72.4/6.2
R2202	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	71.1/6.2
R2203	7030003860	S.RES ERJ3GE JPW V	T	75.9/9.1
R3208	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/39.0
R3209	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/40.7
R3210	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/42.3
R3211	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/43.9
R3213	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/40.5
R3214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/41.5
R3215	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/42.5
R3216	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/46.1
R3217	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/47.8
R3218	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/51.0
R3219	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/49.4
R3220	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/46.6
R3221	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/47.6
R3222	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/48.6
R3223	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.3/49.6
R3226	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/54.7
R3227	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/56.5
R3228	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.1/53.5

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R3229	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.1/54.5
R3230	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.1/55.5
R3231	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.1/56.5
R3232	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/36.4
R3233	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/34.8
R3234	7030004980	S.RES ERJ2GEJ 101 X (100)	B	45.1/36.3
R3241	7030010040	S.RES ERJ2GEJ-JPW	B	48.3/30.3
R3251	7030009920	S.RES ERJ3GEYJ 335 V (3.3M)	T	65.0/31.9
R3252	7030003820	S.RES ERJ3GEYJ 155 V (1.5M)	T	63.1/32.7
R3253	7030003590	S.RES ERJ3GEYJ 183 V (18K)	B	69.6/30.5
R3254	7030004980	S.RES ERJ2GEJ 101 X (100)	T	64.3/27.4
R3255	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	T	64.8/28.7
R3256	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	67.1/29.8
R3257	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	65.7/28.7
R3258	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	65.2/29.9
R3259	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	65.9/27.4
R3260	7510001511	S.THE NTCG16 4LH 223JT	T	67.3/29.9
R3261	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	67.6/32.9
R3262	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	T	67.6/31.2
R3263	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	67.3/33.7
R3264	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	51.8/32.2
R3265	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	51.8/33.1
R3266	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.0/29.9
R3267	7030003830	S.RES ERJ3GEYJ 185 V (1.8M)	B	67.6/31.2
R3268	7030003760	S.RES ERJ3GEYJ 474 V (470K)	B	68.4/33.2
R3270	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	64.2/22.8
R3271	7030007280	S.RES ERJ2GEJ 331 X (330)	T	59.9/33.9
R3272	7030005830	S.RES RR0510P-223-D (22K)	T	59.6/30.0
R3273	7030004980	S.RES ERJ2GEJ 101 X (100)	T	59.8/35.8
R3275	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	59.9/32.3
R3276	7030010040	S.RES ERJ2GEJ-JPW	T	59.5/31.0
R3277	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	60.9/27.0
R3280	7030005840	S.RES RR0510P-473-D (47K)	T	57.9/31.0
R3281	7030007280	S.RES ERJ2GEJ 331 X (330)	T	59.3/27.0
R3282	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	59.0/22.9
R3283	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	58.6/31.9
R3284	7030012310	S.RES ERJ2RKD 3303X (330K)	T	55.1/34.0
R3285	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.7/30.5
R3286	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	T	57.9/27.3
R3287	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	52.6/24.9
R3288	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	57.1/24.6
R3289	7030012320	S.RES ERJ2RKD 2203X (220K)	T	55.6/32.7
R3290	7030012310	S.RES ERJ2RKD 3303X (330K)	T	53.9/35.8
R3291	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	55.6/28.2
R3292	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.7/29.6
R3293	7030012270	S.RES ERJ2RKD 1203X (120K)	T	55.2/35.4
R3294	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	55.6/26.6
R3297	7030005830	S.RES RR0510P-223-D (22K)	T	53.0/34.0
R3298	7030005830	S.RES RR0510P-223-D (22K)	T	53.9/34.9
R3299	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	45.9/32.8
R3300	7030012230	S.RES ERJ2GEJ 475 X (4.7M)	T	66.0/41.1
R3301	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	57.3/41.5
R3302	7030010040	S.RES ERJ2GEJ-JPW	T	55.0/31.5
R3303	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	53.4/31.9
R3304	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	63.8/41.1
R3305	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	63.8/40.2
R3306	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.7/38.3
R3307	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	60.5/41.2
R3308	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	66.9/35.9
R3309	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	63.8/42.0
R3310	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.8/37.9
R3311	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	54.0/24.1
R3339	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	73.5/27.9
R3401	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	106.0/58.8
R3402	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	107.6/58.8
R3403	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	108.9/54.6
R3404	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	107.7/56.2
R3405	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	109.8/54.6
R3406	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	109.6/56.2
R3407	7030010040	S.RES ERJ2GEJ-JPW	T	103.3/45.0
R3408	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	109.3/52.3
R3409	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	107.7/54.8
R3410	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	107.6/47.9
R3411	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	106.0/47.9
R3412	7030005010	S.RES ERJ2GEJ 681 X (680)	T	100.7/55.0
R3413	7030004990	S.RES ERJ2GEJ 221 X (220)	T	97.1/46.5
R3414	7030004980	S.RES ERJ2GEJ 101 X (100)	T	110.5/52.8
R3421	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	114.4/54.7
R3422	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.9/54.0
R3423	7030004980	S.RES ERJ2GEJ 101 X (100)	B	118.6/57.5
R3424	7030004980	S.RES ERJ2GEJ 101 X (100)	T	113.5/50.8
R3425	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.0/52.8
R3426	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	131.8/56.4
R3427	7030004980	S.RES ERJ2GEJ 101 X (100)	B	133.4/57.3
R3428	7030004980	S.RES ERJ2GEJ 101 X (100)	T	130.0/48.5
R3431	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	116.7/45.5
R3432	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	118.3/45.5
R3433	7030005230	S.RES ERJ2GEJ 334 X (330K)	B	118.5/47.1
R3434	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	T	119.8/46.1
R3435	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	116.7/47.6
R3441	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	117.5/53.4
R3442	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	118.4/53.4
R3443	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	118.4/51.7
R3444	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	119.4/53.4
R3445	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	113.6/58.2
R3451	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	119.2/51.0
R3452	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	120.7/52.1
R3453	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	T	119.4/51.7
R3454	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	T	120.7/51.2
R3455	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	120.7/50.3
R3456	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	123.6/51.2
R3457	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	123.6/52.1
R3458	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	127.5/51.3
R3459	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	124.3/48.7
R3460	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	127.4/49.0

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R3461	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	127.8/53.8
R3462	7030008290	S.RES ERJ2GEJ 183 X (18K)	T	126.6/55.2
R3463	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	126.6/54.3
R3464	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	130.3/52.9
R3465	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	132.6/56.5
R3466	7030007060	S.RES ERJ2GEJ 684X (680K)	T	132.6/55.6
R3467	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	136.3/49.6
R3468	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	135.0/49.1
R3469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	136.6/53.5
R3470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	133.5/46.7
R3471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	136.6/54.4
R3472	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	135.3/56.5
R3473	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	136.2/56.5
R3474	7030004980	S.RES ERJ2GEJ 101 X (100)	T	134.4/56.5
R3475	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.6/47.3
R3476	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	142.2/58.6
R3477	7030004980	S.RES ERJ2GEJ 101 X (100)	T	123.1/43.4
R3478	7310003820	TRI EVN-D2AA03 B14		
R3479	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	137.6/51.0
R3480	7030004980	S.RES ERJ2GEJ 101 X (100)	B	124.2/54.3
R3481	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	T	137.6/49.4
R3482	7030004980	S.RES ERJ2GEJ 101 X (100)	T	138.5/46.1
R3483	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	140.1/49.7
R3484	7030004990	S.RES ERJ2GEJ 221 X (220)	B	136.0/51.5
R3485	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	T	141.7/49.7
R3486	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	27.5/67.5
R3490	7030010040	S.RES ERJ2GEJ-JPW	B	81.6/66.4
R3491	7030010040	S.RES ERJ2GEJ-JPW	B	81.6/65.1
R3492	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.9/71.0
R3493	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	85.9/62.1
R3494	7030010040	S.RES ERJ2GEJ-JPW	B	67.2/66.9
R3495	7030010040	S.RES ERJ2GEJ-JPW	B	67.2/66.0
R3496	7030004980	S.RES ERJ2GEJ 101 X (100)	B	71.3/71.5
R3497	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	71.1/64.3
R3498	7030010040	S.RES ERJ2GEJ-JPW	B	56.0/67.2
R3499	7030010040	S.RES ERJ2GEJ-JPW	B	56.0/66.0
R3500	7030004980	S.RES ERJ2GEJ 101 X (100)	B	60.2/71.8
R3501	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	60.5/63.0
R3502	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	89.2/70.9
R3503	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	73.9/70.6
R3504	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	63.5/71.8
R3505	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	110.6/20.2
R3506	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	104.7/20.2
R3507	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	98.8/20.2
R3508	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.9/70.0
R3509	7030004980	S.RES ERJ2GEJ 101 X (100)	B	71.3/70.6
R3510	7030004980	S.RES ERJ2GEJ 101 X (100)	B	60.2/70.9
R3511	7030004980	S.RES ERJ2GEJ 101 X (100)	B	115.4/21.7
R3512	7030004980	S.RES ERJ2GEJ 101 X (100)	B	109.5/21.7
R3513	7030004980	S.RES ERJ2GEJ 101 X (100)	B	103.6/21.7
R3514	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	89.2/70.0
R3515	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	73.9/71.5
R3516	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	63.5/70.9
R3517	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	110.6/18.6
R3518	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	104.7/18.6
R3519	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	98.8/18.6
R3521	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	118.0/42.7
R3522	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	120.5/41.5
R3523	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	118.7/40.4
R3524	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	117.5/39.9
R3525	7030006010	S.RES RR0510P-472-D (4.7K)	B	121.9/37.1
R3527	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	117.9/38.2
R3529	7030004990	S.RES ERJ2GEJ 221 X (220)	T	118.7/39.5
R3530	7030004990	S.RES ERJ2GEJ 221 X (220)	T	119.3/36.9
R3532	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	125.3/38.1
R3534	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	127.9/37.2
R3536	7030008280	S.RES ERJ2GEJ 271 X (270)	B	127.9/38.1
R3537	7030004980	S.RES ERJ2GEJ 101 X (100)	B	115.1/35.8
R3538	7030004980	S.RES ERJ2GEJ 101 X (100)	B	121.7/42.9
R3539	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	117.8/32.6
R3540	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	120.6/31.4
R3541	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	118.7/30.3
R3542	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	117.4/29.9
R3543	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	121.9/27.0
R3545	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	117.8/28.1
R3547	7030004990	S.RES ERJ2GEJ 221 X (220)	T	118.7/29.4
R3548	7030004990	S.RES ERJ2GEJ 221 X (220)	T	119.1/26.8
R3550	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	126.6/27.9
R3552	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	129.1/27.9
R3554	7030008280	S.RES ERJ2GEJ 271 X (270)	B	130.9/29.6
R3555	7030004980	S.RES ERJ2GEJ 101 X (100)	B	115.1/25.7
R3556	7030004980	S.RES ERJ2GEJ 101 X (100)	B	121.9/32.8
R3559	7030004980	S.RES ERJ2GEJ 101 X (100)	B	123.3/29.0
R3560	7030004980	S.RES ERJ2GEJ 101 X (100)	B	130.2/35.7
R3601	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	89.9/37.9
R3602	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	83.2/29.7
R3603	7030005800	S.RES RR0510P-102-D (1K)	T	89.2/39.0
R3604	7030005800	S.RES RR0510P-102-D (1K)	T	87.5/39.0
R3605	7030005800	S.RES RR0510P-102-D (1K)	T	86.2/38.6
R3606	7030005800	S.RES RR0510P-102-D (1K)	T	84.6/36.0
R3607	7030005800	S.RES RR0510P-102-D (1K)	T	87.7/33.5
R3608	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	86.1/31.2
R3609	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	86.9/29.8
R3621	7030004980	S.RES ERJ2GEJ 101 X (100)	T	90.7/27.5
R3623	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	87.6/21.9
R3624	7030008370	S.RES ERJ2GEJ 561 X (560)	T	86.7/21.9
R3630	7510001661	S.THR NTCG16 4LH 473JT	T	84.2/25.7
R3631	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	83.2/25.2
R3632	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	78.3/27.8
R3633	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	78.3/26.2
R3634	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	83.2/26.9
R3635	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	79.2/24.4
R3636	7030004990	S.RES ERJ2GEJ 221 X (220)	T	74.7/25.6
R3637	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	77.8/29.2
R3638	7030005590	S.RES ERJ2GEJ 680 X (68)	T	75.6/25.6

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R3639	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	73.5/29.2
R3641	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	T	80.6/39.6
R3651	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	83.7/48.8
R3652	7030003860	S.RES ERJ3GE JPW V	B	82.1/45.7
R3653	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	82.3/43.6
R3654	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	81.0/43.1
R3655	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	81.2/48.2
R3656	7030004990	S.RES ERJ2GEJ 221 X (220)	T	84.1/44.6
R3658	7030005590	S.RES ERJ2GEJ 680 X (68)	T	84.1/46.7
R3661	7030003860	S.RES ERJ3GE JPW V	B	80.6/53.3
R3662	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	81.2/57.4
R3663	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	78.1/57.4
R3664	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	77.4/58.7
R3671	7030009270	S.RES ERJ2GEJ 821 X (820)	T	89.2/49.1
R3672	7030011400	S.RES ERJ2GEJ 5R6 X (5.6)	T	90.4/49.5
R3673	7030009270	S.RES ERJ2GEJ 821 X (820)	T	89.2/50.0
R3674	7030009270	S.RES ERJ2GEJ 821 X (820)	B	71.8/60.2
R3675	7030011400	S.RES ERJ2GEJ 5R6 X (5.6)	B	71.3/59.0
R3676	7030009270	S.RES ERJ2GEJ 821 X (820)	B	70.9/60.2
R3677	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	67.7/57.7
R3678	7030007280	S.RES ERJ2GEJ 331 X (330)	T	97.7/51.6
R3679	7030005300	S.RES ERJ2GEJ 150 X (15)	T	97.3/50.4
R3680	7030007280	S.RES ERJ2GEJ 331 X (330)	T	97.7/49.2
R3681	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	57.4/50.3
R3682	7030004970	S.RES ERJ2GEJ 470 X (47)	T	67.0/49.7
R3691	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	57.4/56.8
R3692	7030004970	S.RES ERJ2GEJ 470 X (47)	T	67.0/56.2
R3702	7030005010	S.RES ERJ2GEJ 681 X (680)	T	52.6/58.5
R3703	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	53.5/58.5
R3705	7030005010	S.RES ERJ2GEJ 681 X (680)	T	54.6/53.1
R3706	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.0/51.9
R3708	7030005010	S.RES ERJ2GEJ 681 X (680)	T	55.3/58.5
R3709	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	54.4/58.5
R3801	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	88.0/41.3
R3802	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	89.6/41.3
R3803	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	95.4/44.7
R3804	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	91.2/41.3
R3805	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	92.8/41.3
R3901	7030004980	S.RES ERJ2GEJ 101 X (100)	T	206.5/72.5
R3902	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	206.1/67.7
R3903	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	206.5/73.5
R3904	7030004980	S.RES ERJ2GEJ 101 X (100)	T	209.3/72.8
R3911	7030005590	S.RES ERJ2GEJ 680 X (68)	T	203.2/60.2
R3937	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	199.1/53.7
R3938	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	202.5/56.8
R3939	7030004980	S.RES ERJ2GEJ 101 X (100)	B	199.1/55.3
R3940	7030004980	S.RES ERJ2GEJ 101 X (100)	B	201.6/56.8
R3951	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	248.5/45.7
R3952	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	244.7/45.9
R3953	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	248.5/44.1
R4001	7030010040	S.RES ERJ2GEJ-JPW	T	216.3/29.0
R4002	7030010040	S.RES ERJ2GEJ-JPW	T	215.1/29.4
R4005	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	217.8/28.5
R4006	7030003860	S.RES ERJ3GE JPW V	T	200.6/52.4
R4008	7030008240	S.RES ERJ12Y0R00U	T	266.6/43.0
R4009	7030010040	S.RES ERJ2GEJ-JPW	T	231.7/65.1
R4010	7030008240	S.RES ERJ12Y0R00U	T	267.3/69.7
R4011	7030010250	S.RES ERJ1TYJ 0R00U	T	203.5/24.9
R4012	7030003860	S.RES ERJ3GE JPW V	B	198.9/39.9
R4013	7030003860	S.RES ERJ3GE JPW V	B	201.0/38.3
R4014	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	189.5/32.7
R4015	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	183.8/33.9
R4036	7030003860	S.RES ERJ3GE JPW V	T	198.7/60.3
R4301	7030003860	S.RES ERJ3GE JPW V	T	167.6/43.7
R4302	7030003860	S.RES ERJ3GE JPW V	T	158.2/53.9
R4303	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	205.7/45.0
R4401	7030004980	S.RES ERJ2GEJ 101 X (100)	T	154.0/25.1
R4402	7030004980	S.RES ERJ2GEJ 101 X (100)	T	142.5/23.9
R4403	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/13.8
R4404	7030004980	S.RES ERJ2GEJ 101 X (100)	T	150.5/19.6
R4405	7030004980	S.RES ERJ2GEJ 101 X (100)	T	169.0/15.5
R4406	7030004980	S.RES ERJ2GEJ 101 X (100)	T	155.2/15.7
R4407	7030004980	S.RES ERJ2GEJ 101 X (100)	T	172.3/24.5
R4408	7030004980	S.RES ERJ2GEJ 101 X (100)	T	172.3/26.1
R4409	7030004980	S.RES ERJ2GEJ 101 X (100)	T	182.8/36.0
R4410	7030004980	S.RES ERJ2GEJ 101 X (100)	T	182.8/37.6
R4415	7030005820	S.RES RR0510P-103-D (10K)	T	181.0/31.5
R4416	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	170.3/30.4
R4417	7030005820	S.RES RR0510P-103-D (10K)	T	153.5/14.7
R4418	7030005820	S.RES RR0510P-103-D (10K)	T	165.6/10.4
R4419	7030005820	S.RES RR0510P-103-D (10K)	T	181.0/32.7
R4420	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	171.2/30.4
R4421	7030005820	S.RES RR0510P-103-D (10K)	T	165.6/11.6
R4422	7030005820	S.RES RR0510P-103-D (10K)	T	153.3/16.3
R4423	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	143.4/15.9
R4424	7030006010	S.RES RR0510P-472-D (4.7K)	T	151.0/12.9
R4425	7030005820	S.RES RR0510P-103-D (10K)	T	175.5/40.7
R4426	7030005820	S.RES RR0510P-103-D (10K)	T	173.6/30.6
R4427	7030005820	S.RES RR0510P-103-D (10K)	T	166.0/15.7
R4429	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	166.0/20.7
R4430	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	166.9/30.4
R4432	7030005820	S.RES RR0510P-103-D (10K)	T	146.6/21.3
R4433	7030005820	S.RES RR0510P-103-D (10K)	T	151.2/21.3
R4434	7030008250	S.RES RR0510P-562-D (5.6K)	T	164.4/19.3
R4435	7030005820	S.RES RR0510P-103-D (10K)	T	158.9/10.2
R4436	7030005770	S.RES RR0510P-101-D (100)	T	164.4/18.4
R4437	7030006010	S.RES RR0510P-472-D (4.7K)	T	174.1/39.8
R4438	7030006010	S.RES RR0510P-472-D (4.7K)	T	174.0/31.6
R4439	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	165.5/21.6
R4440	7030005770	S.RES RR0510P-101-D (100)	T	174.1/38.9
R4441	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	165.5/30.0
R4442	7030005770	S.RES RR0510P-101-D (100)	T	174.5/32.5
R4443	7030005770	S.RES RR0510P-101-D (100)	T	165.5/22.5
R4444	7030005770	S.RES RR0510P-101-D (100)	T	165.5/29.1
R4445	7030006010	S.RES RR0510P-472-D (4.7K)	T	149.9/29.0

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R4446	7030008250	S.RES RR0510P-562-D (5.6K)	T	157.9/19.2
R4447	7030006010	S.RES RR0510P-472-D (4.7K)	T	147.9/29.0
R4448	7030005770	S.RES RR0510P-101-D (100)	T	146.7/29.3
R4449	7030005770	S.RES RR0510P-101-D (100)	T	151.1/29.3
R4450	7030005770	S.RES RR0510P-101-D (100)	T	157.9/18.3
R4461	7030010040	S.RES ERJ2GEJ-JPW	T	168.1/36.1
R4462	7030004980	S.RES ERJ2GEJ 101 X (100)	T	167.7/41.4
R4463	7030007250	S.RES ERJ2GEJ 220 X (22)	T	162.5/46.6
R4464	7030007250	S.RES ERJ2GEJ 220 X (22)	T	161.6/46.6
R4465	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	153.5/42.3
R4467	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	164.0/46.6
R4468	7030003860	S.RES ERJ3GE JPW V	B	156.3/45.1
R4469	7030008240	S.RES ERJ12Y0R00U	T	161.6/54.7
R4470	7030007250	S.RES ERJ2GEJ 220 X (22)	T	163.7/50.4
R4471	7030007250	S.RES ERJ2GEJ 220 X (22)	T	162.8/50.0
R4474	7030007250	S.RES ERJ2GEJ 220 X (22)	T	159.5/48.5
R4475	7030007250	S.RES ERJ2GEJ 220 X (22)	T	160.0/46.6
R4481	7030006010	S.RES RR0510P-472-D (4.7K)	T	165.6/47.8
R4482	7030006010	S.RES RR0510P-472-D (4.7K)	T	164.6/50.0
R4483	7030006010	S.RES RR0510P-472-D (4.7K)	T	172.1/39.5
R4484	7030006010	S.RES RR0510P-472-D (4.7K)	T	170.1/40.5
R4485	7030006010	S.RES RR0510P-472-D (4.7K)	T	166.2/52.0
R4486	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	151.3/34.6
R4487	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	150.2/36.9
R4488	7030006010	S.RES RR0510P-472-D (4.7K)	T	170.5/43.2
R4489	7030006010	S.RES RR0510P-472-D (4.7K)	T	156.4/55.3
R4490	7030006010	S.RES RR0510P-472-D (4.7K)	T	156.4/54.4
R4491	7030005780	S.RES RR0510P-221-D (220)	T	168.2/49.6
R4492	7030005780	S.RES RR0510P-221-D (220)	T	168.2/50.7
R4493	7030005780	S.RES RR0510P-221-D (220)	T	172.3/43.2
R4494	7030005780	S.RES RR0510P-221-D (220)	T	171.4/43.2
R4495	7030006010	S.RES RR0510P-472-D (4.7K)	T	152.4/39.0
R4496	7030006010	S.RES RR0510P-472-D (4.7K)	T	152.4/39.9
R4497	7030006290	S.RES RR0510P-333-D (33K)	T	149.2/37.3
R4498	7030006010	S.RES RR0510P-472-D (4.7K)	T	156.4/53.5
R4499	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	149.2/35.7
R4500	7030006010	S.RES RR0510P-472-D (4.7K)	T	168.2/48.7
R4501	7030006010	S.RES RR0510P-472-D (4.7K)	T	173.2/43.2
R4502	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	149.2/34.1
R4503	7030006010	S.RES RR0510P-472-D (4.7K)	T	152.0/42.6
R4504	7030005780	S.RES RR0510P-221-D (220)	T	152.7/54.7
R4505	7030005780	S.RES RR0510P-221-D (220)	T	152.7/53.1
R4506	7030005780	S.RES RR0510P-221-D (220)	T	150.2/42.6
R4507	7030005780	S.RES RR0510P-221-D (220)	T	151.1/42.6
R4508	7030005770	S.RES RR0510P-101-D (100)	T	168.2/47.8
R4509	7030006010	S.RES RR0510P-472-D (4.7K)	T	151.3/54.3
R4510	7030005770	S.RES RR0510P-101-D (100)	T	175.1/43.8
R4511	7030006290	S.RES RR0510P-333-D (33K)	T	149.2/32.5
R4512	7030006010	S.RES RR0510P-472-D (4.7K)	T	149.3/42.6
R4513	7030005770	S.RES RR0510P-101-D (100)	T	149.7/54.3
R4514	7030004980	S.RES ERJ2GEJ 101 X (100)	T	147.7/31.7
R4515	7030005770	S.RES RR0510P-101-D (100)	T	148.1/42.9
R4516	7030004980	S.RES ERJ2GEJ 101 X (100)	T	176.6/47.4
R4517	7030004980	S.RES ERJ2GEJ 101 X (100)	T	170.6/53.7
R4518	7030004980	S.RES ERJ2GEJ 101 X (100)	T	139.9/31.3
R4519	7030004980	S.RES ERJ2GEJ 101 X (100)	T	146.6/38.5
R4520	7030004980	S.RES ERJ2GEJ 101 X (100)	T	146.7/51.8
R4521	7030004980	S.RES ERJ2GEJ 101 X (100)	T	154.0/45.5
R4522	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	154.8/52.3
R4523	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	155.7/52.3
R4601	7030004980	S.RES ERJ2GEJ 101 X (100)	B	160.6/74.0
R4602	7030004980	S.RES ERJ2GEJ 101 X (100)	B	158.9/64.3
R4603	7030004980	S.RES ERJ2GEJ 101 X (100)	B	155.6/53.5
R4604	7030004980	S.RES ERJ2GEJ 101 X (100)	B	162.9/61.0
R4605	7030004980	S.RES ERJ2GEJ 101 X (100)	B	170.4/67.5
R4606	7030004980	S.RES ERJ2GEJ 101 X (100)	B	169.1/57.8
R4607	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	153.5/53.9
R4608	7030005000	S.RES ERJ2GEJ 471 X (470)	B	156.2/61.0
R4609	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	152.5/61.2
R4610	7030010990	S.RES RR0510P-272-D (2.7K)	B	156.0/58.2
R4611	7030010990	S.RES RR0510P-272-D (2.7K)	B	156.0/59.8
R4612	7030008250	S.RES RR0510P-562-D (5.6K)	B	155.3/71.6
R4613	7030008270	S.RES RR0510P-104-D (100K)	B	158.1/73.6
R4614	7030006010	S.RES RR0510P-472-D (4.7K)	B	165.5/62.6
R4615	7030006010	S.RES RR0510P-472-D (4.7K)	B	155.3/70.0
R4616	7030006010	S.RES RR0510P-472-D (4.7K)	B	155.3/66.7
R4617	7030010990	S.RES RR0510P-272-D (2.7K)	B	169.3/67.5
R4618	7030010990	S.RES RR0510P-272-D (2.7K)	B	170.6/57.8
R4619	7030006010	S.RES RR0510P-472-D (4.7K)	B	155.3/68.3
R4620	7030006010	S.RES RR0510P-472-D (4.7K)	B	165.5/64.2
R4621	7030005501	S.RES ERA3YKD 124V (120K)	B	165.1/71.1
R4622	7030010990	S.RES RR0510P-272-D (2.7K)	B	174.4/63.6
R4623	7030010990	S.RES RR0510P-272-D (2.7K)	B	174.4/61.3
R4624	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	164.2/66.8
R4625	7030005770	S.RES RR0510P-101-D (100)	B	173.9/64.8
R4626	7030007280	S.RES ERJ2GEJ 331 X (330)	B	163.6/72.1
R4627	7030005770	S.RES RR0510P-101-D (100)	B	173.9/60.1
R4628	7030005770	S.RES RR0510P-101-D (100)	B	163.6/65.6
R4629	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	162.5/54.5
R4630	7030005800	S.RES RR0510P-102-D (1K)	B	159.4/61.6
R4651	7030004970	S.RES ERJ2GEJ 470 X (47)	B	189.8/71.3
R4652	7030010040	S.RES ERJ2GEJ-JPW	B	189.7/60.2
R4653	7030004980	S.RES ERJ2GEJ 101 X (100)	B	190.6/60.2
R4654	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	191.5/60.2
R4655	7030004970	S.RES ERJ2GEJ 470 X (47)	B	190.7/71.3
R4656	7030004970	S.RES ERJ2GEJ 470 X (47)	B	191.6/71.3
R4657	7030004970	S.RES ERJ2GEJ 470 X (47)	B	193.1/71.6
R4658	7030004970	S.RES ERJ2GEJ 470 X (47)	B	193.1/70.7
R4659	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	183.5/64.8
R4661	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	183.1/59.3
R4662	7030005010	S.RES ERJ2GEJ 681 X (680)	B	181.9/58.9
R4663	7030004980	S.RES ERJ2GEJ 101 X (100)	B	171.7/52.3
R4664	7030004980	S.RES ERJ2GEJ 101 X (100)	B	178.8/60.6
R4665	7030009190	S.RES RR0510P-332-D (3.3K)	B	182.9/53.1
R4666	7030009190	S.RES RR0510P-332-D (3.3K)	B	181.6/53.6

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R4667	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	182.8/54.8
R4668	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	182.8/55.7
R4669	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	182.8/56.6
R4670	7030009190	S.RES RR0510P-332-D (3.3K)	B	183.1/52.1
R4671	7030007280	S.RES ERJ2GEJ 331 X (330)	B	180.1/55.7
R4672	7030007280	S.RES ERJ2GEJ 331 X (330)	B	180.1/56.6
R4673	7030011170	S.RES RR0510P-471-D (470)	B	180.2/52.2
R4674	7030011170	S.RES RR0510P-471-D (470)	B	180.2/51.2
R4675	7030009190	S.RES RR0510P-332-D (3.3K)	B	180.2/50.2
R4676	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	180.1/54.8
R4677	7030005770	S.RES RR0510P-101-D (100)	B	177.3/50.3
R4678	7030004980	S.RES ERJ2GEJ 101 X (100)	B	172.2/58.3
R4680	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	198.4/70.8
R5001	7030010040	S.RES ERJ2GEJ-JPW	B	206.1/50.5
R5002	7030010040	S.RES ERJ2GEJ-JPW	B	206.1/48.9
R5005	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	205.7/51.7
R5007	7030004970	S.RES ERJ2GEJ 470 X (47)	B	229.8/38.9
R5009	7030010040	S.RES ERJ2GEJ-JPW	B	194.8/68.3
R5010	7030003860	S.RES ERJ3GE JPW V	B	198.4/42.0
R5012	7030003860	S.RES ERJ3GE JPW V	B	198.5/64.8
R5013	7030003860	S.RES ERJ3GE JPW V	B	198.6/60.3
R5014	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	190.0/69.8
R5015	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	196.3/70.0
R5030	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	206.1/57.3
R5201	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	256.0/59.1
R5202	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	241.0/57.9
R5303	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	198.1/47.6
R5401	7030004980	S.RES ERJ2GEJ 101 X (100)	B	166.0/51.8
R5402	7030004980	S.RES ERJ2GEJ 101 X (100)	B	163.6/40.8
R5403	7030004980	S.RES ERJ2GEJ 101 X (100)	B	158.4/31.7
R5404	7030004980	S.RES ERJ2GEJ 101 X (100)	B	165.8/39.3
R5405	7030004980	S.RES ERJ2GEJ 101 X (100)	B	177.5/48.8
R5406	7030004980	S.RES ERJ2GEJ 101 X (100)	B	171.9/37.9
R5407	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	156.0/32.5
R5408	7030005000	S.RES ERJ2GEJ 471 X (470)	B	159.1/39.7
R5409	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	155.4/40.3
R5410	7030010990	S.RES RR0510P-272-D (2.7K)	B	158.9/36.9
R5411	7030005820	S.RES RR0510P-103-D (10K)	B	171.2/17.4
R5412	7030008250	S.RES RR0510P-562-D (5.6K)	B	159.2/49.0
R5413	7030004980	S.RES ERJ2GEJ 101 X (100)	B	171.2/18.3
R5414	7030004980	S.RES ERJ2GEJ 101 X (100)	B	170.9/20.0
R5415	7030010990	S.RES RR0510P-272-D (2.7K)	B	158.9/38.5
R5416	7030008270	S.RES RR0510P-104-D (100K)	B	167.3/48.1
R5417	7030005820	S.RES RR0510P-103-D (10K)	B	174.2/14.4
R5418	7030006010	S.RES RR0510P-472-D (4.7K)	B	159.6/47.7
R5419	7030010990	S.RES RR0510P-272-D (2.7K)	B	176.0/48.8
R5420	7030006010	S.RES RR0510P-472-D (4.7K)	B	172.2/43.0
R5421	7030010990	S.RES RR0510P-272-D (2.7K)	B	177.0/39.5
R5422	7030005501	S.RES ERA3YKD 124V (120K)	B	170.5/48.9
R5423	7030006010	S.RES RR0510P-472-D (4.7K)	B	159.6/44.3
R5424	7030006010	S.RES RR0510P-472-D (4.7K)	B	171.7/22.7
R5425	7030007280	S.RES ERJ2GEJ 331 X (330)	B	170.8/49.9
R5426	7030006010	S.RES RR0510P-472-D (4.7K)	B	172.2/41.4
R5427	7030006010	S.RES RR0510P-472-D (4.7K)	B	159.6/46.0
R5428	7030005820	S.RES RR0510P-103-D (10K)	B	178.1/23.7
R5429	7030005820	S.RES RR0510P-103-D (10K)	B	178.1/14.4
R5430	7030010990	S.RES RR0510P-272-D (2.7K)	B	181.1/44.9
R5431	7030010990	S.RES RR0510P-272-D (2.7K)	B	181.1/42.6
R5432	7030006010	S.RES RR0510P-472-D (4.7K)	B	173.3/22.7
R5433	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	168.5/44.6
R5434	7030005770	S.RES RR0510P-101-D (100)	B	180.7/46.1
R5435	7030005770	S.RES RR0510P-101-D (100)	B	180.7/41.4
R5436	7030004980	S.RES ERJ2GEJ 101 X (100)	B	167.9/43.4
R5437	7030006010	S.RES RR0510P-472-D (4.7K)	B	181.2/21.1
R5438	7030006010	S.RES RR0510P-472-D (4.7K)	B	181.2/17.6
R5439	7030005770	S.RES RR0510P-101-D (100)	B	181.2/22.0
R5440	7030005770	S.RES RR0510P-101-D (100)	B	181.2/16.7
R5441	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	165.4/33.2
R5442	7030005800	S.RES RR0510P-102-D (1K)	B	162.3/40.0
R5451	7030004970	S.RES ERJ2GEJ 470 X (47)	B	189.5/50.5
R5452	7030004970	S.RES ERJ2GEJ 470 X (47)	B	190.9/28.3
R5453	7030010040	S.RES ERJ2GEJ-JPW	B	189.7/39.5
R5454	7030010040	S.RES ERJ2GEJ-JPW	B	188.4/16.1
R5455	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	191.1/16.1
R5456	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	192.9/15.6
R5457	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	192.0/16.1
R5458	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	191.5/39.5
R5459	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	190.2/16.1
R5460	7030004980	S.RES ERJ2GEJ 101 X (100)	B	190.6/39.5
R5461	7030004980	S.RES ERJ2GEJ 101 X (100)	B	189.3/16.1
R5462	7030004970	S.RES ERJ2GEJ 470 X (47)	B	190.4/50.5
R5463	7030004970	S.RES ERJ2GEJ 470 X (47)	B	191.3/50.5
R5464	7030004970	S.RES ERJ2GEJ 470 X (47)	B	193.0/50.2
R5465	7030004970	S.RES ERJ2GEJ 470 X (47)	B	194.6/49.8
R5466	7030004970	S.RES ERJ2GEJ 470 X (47)	B	191.8/27.9
R5467	7030004970	S.RES ERJ2GEJ 470 X (47)	B	192.7/27.9
R5468	7030004970	S.RES ERJ2GEJ 470 X (47)	B	193.6/27.9
R5469	7030004970	S.RES ERJ2GEJ 470 X (47)	B	194.6/27.9
R5470	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	183.5/44.2
R5481	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	167.8/22.3
R5482	7030005010	S.RES ERJ2GEJ 681 X (680)	B	166.2/22.3
R5483	7030004980	S.RES ERJ2GEJ 101 X (100)	B	164.0/29.7
R5484	7030004980	S.RES ERJ2GEJ 101 X (100)	B	171.0/37.9
R5485	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.1/20.2
R5486	7030006010	S.RES RR0510P-472-D (4.7K)	B	176.9/27.9
R5487	7030006010	S.RES RR0510P-472-D (4.7K)	B	177.2/31.9
R5488	7030006010	S.RES RR0510P-472-D (4.7K)	B	161.4/11.5
R5489	7030006010	S.RES RR0510P-472-D (4.7K)	B	163.4/13.5
R5490	7030006010	S.RES RR0510P-472-D (4.7K)	B	177.2/33.6
R5491	7030006010	S.RES RR0510P-472-D (4.7K)	B	177.2/35.3
R5492	7030006010	S.RES RR0510P-472-D (4.7K)	B	174.4/28.4
R5493	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	167.1/18.4
R5494	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	167.1/19.3
R5495	7030006010	S.RES RR0510P-472-D (4.7K)	B	163.0/14.8
R5496	7030006010	S.RES RR0510P-472-D (4.7K)	B	174.4/34.5

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R5497	7030005780	S.RES RR0510P-221-D (220)	B	173.5/28.4
R5498	7030005780	S.RES RR0510P-221-D (220)	B	174.0/29.7
R5499	7030005780	S.RES RR0510P-221-D (220)	B	174.0/32.4
R5500	7030005780	S.RES RR0510P-221-D (220)	B	174.0/33.3
R5501	7030005780	S.RES RR0510P-221-D (220)	B	160.0/11.9
R5502	7030005780	S.RES RR0510P-221-D (220)	B	161.4/14.8
R5503	7030007280	S.RES ERJ2GEJ 331 X (330)	B	164.4/19.3
R5504	7030007280	S.RES ERJ2GEJ 331 X (330)	B	164.4/20.2
R5505	7030006010	S.RES RR0510P-472-D (4.7K)	B	174.0/30.6
R5506	7030006010	S.RES RR0510P-472-D (4.7K)	B	174.0/31.5
R5507	7030004980	S.RES ERJ2GEJ 101 X (100)	B	155.1/16.0
R5508	7030004980	S.RES ERJ2GEJ 101 X (100)	B	162.0/24.2
R5509	7030006010	S.RES RR0510P-472-D (4.7K)	B	159.1/11.9
R5510	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	164.4/18.4
R5511	7030005770	S.RES RR0510P-101-D (100)	B	168.0/26.8
R5512	7030005770	S.RES RR0510P-101-D (100)	B	167.5/36.3
R5513	7030005770	S.RES RR0510P-101-D (100)	B	158.2/13.3
R5514	7030004980	S.RES ERJ2GEJ 101 X (100)	B	157.7/23.8
R5515	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	173.5/36.1
R5516	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	173.5/34.5
R5520	7030005530	S.RES ERJ2GEJ 100 X (10)	B	198.2/52.3
R6001	7030004980	S.RES ERJ2GEJ 101 X (100)	B	131.4/14.9
R6002	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	125.5/17.0
R6003	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	126.4/17.0
R6004	7030004980	S.RES ERJ2GEJ 101 X (100)	B	131.4/11.4
R6005	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	125.5/13.6
R6006	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	126.4/13.6
R6011	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	116.8/7.3
C1	4030017460	S.CER C1005 JB 1H 102K-T	T	231.3/66.8
C2	4030017400	S.CER C1005 CH 1H 220J-T	T	229.7/66.8
C3	4030017460	S.CER C1005 JB 1H 102K-T	T	227.3/66.8
C4	4030017460	S.CER C1005 JB 1H 102K-T	T	225.7/66.8
C5	4030017460	S.CER C1005 JB 1H 102K-T	T	224.1/66.8
C6	4030017460	S.CER C1005 JB 1H 102K-T	T	222.5/66.8
C7	4030017400	S.CER C1005 CH 1H 220J-T	T	220.9/66.8
C9	4030017400	S.CER C1005 CH 1H 220J-T	T	217.7/66.8
C10	4030017400	S.CER C1005 CH 1H 220J-T	T	219.3/66.8
C11	4030017400	S.CER C1005 CH 1H 220J-T	T	215.0/66.8
C12	4030017400	S.CER C1005 CH 1H 220J-T	T	213.4/66.8
C21	4030017460	S.CER C1005 JB 1H 102K-T	T	256.2/66.0
C22	4030017460	S.CER C1005 JB 1H 102K-T	T	257.2/66.0
C23	4030017460	S.CER C1005 JB 1H 102K-T	T	255.2/66.0
C24	4030017460	S.CER C1005 JB 1H 102K-T	T	250.6/66.0
C25	4030017460	S.CER C1005 JB 1H 102K-T	T	249.7/66.0
C26	4030017460	S.CER C1005 JB 1H 102K-T	T	245.2/66.0
C27	4030017460	S.CER C1005 JB 1H 102K-T	T	244.1/66.0
C28	4030017460	S.CER C1005 JB 1H 102K-T	T	241.2/66.1
C31	4030017460	S.CER C1005 JB 1H 102K-T	B	84.3/7.5
C32	4030017400	S.CER C1005 CH 1H 220J-T	B	83.3/7.5
C33	4030017400	S.CER C1005 CH 1H 220J-T	B	82.3/7.5
C34	4030017460	S.CER C1005 JB 1H 102K-T	B	81.3/7.5
C51	4030017460	S.CER C1005 JB 1H 102K-T	T	199.5/36.9
C52	4030017460	S.CER C1005 JB 1H 102K-T	T	198.3/39.6
C53	4030017460	S.CER C1005 JB 1H 102K-T	T	197.0/40.7
C54	4030017460	S.CER C1005 JB 1H 102K-T	T	196.6/50.1
C55	4030017460	S.CER C1005 JB 1H 102K-T	T	195.7/40.0
C56	4030017460	S.CER C1005 JB 1H 102K-T	T	195.6/51.1
C57	4030017460	S.CER C1005 JB 1H 102K-T	T	194.8/40.0
C58	4030017460	S.CER C1005 JB 1H 102K-T	T	194.5/50.1
C59	4030017460	S.CER C1005 JB 1H 102K-T	T	193.7/41.0
C60	4030017460	S.CER C1005 JB 1H 102K-T	T	193.5/50.1
C63	4030017460	S.CER C1005 JB 1H 102K-T	T	191.9/41.0
C64	4030017460	S.CER C1005 JB 1H 102K-T	T	191.4/50.1
C65	4030017460	S.CER C1005 JB 1H 102K-T	T	191.0/41.0
C66	4030017460	S.CER C1005 JB 1H 102K-T	T	190.0/50.1
C67	4030017460	S.CER C1005 JB 1H 102K-T	T	190.0/41.0
C68	4030017460	S.CER C1005 JB 1H 102K-T	T	189.0/41.0
C69	4030017460	S.CER C1005 JB 1H 102K-T	T	188.6/50.1
C70	4030017460	S.CER C1005 JB 1H 102K-T	T	188.0/41.0
C71	4030017460	S.CER C1005 JB 1H 102K-T	T	187.5/50.1
C72	4030017460	S.CER C1005 JB 1H 102K-T	T	187.0/40.0
C73	4030017400	S.CER C1005 CH 1H 220J-T	T	186.3/50.1
C74	4030017400	S.CER C1005 CH 1H 220J-T	T	185.9/41.0
C75	4030017460	S.CER C1005 JB 1H 102K-T	T	185.5/51.8
C76	4030017400	S.CER C1005 CH 1H 220J-T	T	185.0/41.0
C77	4030017400	S.CER C1005 CH 1H 220J-T	T	184.5/50.1
C78	4030017460	S.CER C1005 JB 1H 102K-T	T	184.0/41.0
C79	4030017460	S.CER C1005 JB 1H 102K-T	T	183.5/50.1
C80	4030017400	S.CER C1005 CH 1H 220J-T	T	183.0/41.0
C81	4030017400	S.CER C1005 CH 1H 220J-T	T	182.5/50.1
C82	4030017400	S.CER C1005 CH 1H 220J-T	T	180.0/41.0
C83	4030017400	S.CER C1005 CH 1H 220J-T	T	179.5/50.1
C103	4030017460	S.CER C1005 JB 1H 102K-T	B	137.4/61.8
C104	4030017460	S.CER C1005 JB 1H 102K-T	B	134.4/63.3
C105	4030017460	S.CER C1005 JB 1H 102K-T	T	129.1/63.5
C121	4030017460	S.CER C1005 JB 1H 102K-T	B	122.9/67.2
C122	4030017460	S.CER C1005 JB 1H 102K-T	B	119.8/67.2
C123	4030017460	S.CER C1005 JB 1H 102K-T	B	116.8/67.2
C124	4030017460	S.CER C1005 JB 1H 102K-T	B	113.8/67.2
C126	4030017460	S.CER C1005 JB 1H 102K-T	B	110.8/67.2
C141	4030017460	S.CER C1005 JB 1H 102K-T	T	177.6/64.7
C142	4030017460	S.CER C1005 JB 1H 102K-T	T	177.3/55.6
C143	4030017460	S.CER C1005 JB 1H 102K-T	T	178.6/64.7
C144	4030017460	S.CER C1005 JB 1H 102K-T	T	178.3/55.6
C145	4030017460	S.CER C1005 JB 1H 102K-T	T	179.6/64.7
C146	4030017460	S.CER C1005 JB 1H 102K-T	T	180.1/55.6
C147	4030017460	S.CER C1005 JB 1H 102K-T	T	180.6/64.7
C148	4030017460	S.CER C1005 JB 1H 102K-T	T	181.1/55.6
C149	4030017400	S.CER C1005 CH 1H 220J-T	T	181.6/64.7
C150	4030017400	S.CER C1005 CH 1H 220J-T	T	182.1/55.6
C151	4030017400	S.CER C1005 CH 1H 220J-T	T	182.6/64.7
C152	4030017460	S.CER C1005 JB 1H 102K-T	T	183.1/55.6
C153	4030017460	S.CER C1005 JB 1H 102K-T	T	183.6/64.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C154	4030017460	S.CER C1005 JB 1H 102K-T	T	183.6/66.1
C155	4030017460	S.CER C1005 JB 1H 102K-T	T	190.5/63.8
C156	4030017460	S.CER C1005 JB 1H 102K-T	T	187.1/52.9
C157	4030017460	S.CER C1005 JB 1H 102K-T	T	188.4/52.9
C158	4030017460	S.CER C1005 JB 1H 102K-T	T	189.7/52.9
C159	4030017460	S.CER C1005 JB 1H 102K-T	T	191.0/52.9
C160	4030017460	S.CER C1005 JB 1H 102K-T	T	194.1/55.6
C161	4030017400	S.CER C1005 CH 1H 220J-T	T	194.6/64.7
C162	4030017400	S.CER C1005 CH 1H 220J-T	T	195.1/55.6
C163	4030017400	S.CER C1005 CH 1H 220J-T	T	195.6/64.7
C164	4030017400	S.CER C1005 CH 1H 220J-T	T	196.1/55.6
C191	4030017460	S.CER C1005 JB 1H 102K-T	T	53.8/65.1
C192	4030017400	S.CER C1005 CH 1H 220J-T	T	52.8/65.1
C193	4030017400	S.CER C1005 CH 1H 220J-T	T	51.8/65.1
C194	4030017460	S.CER C1005 JB 1H 102K-T	B	50.8/66.9
C195	4030017460	S.CER C1005 JB 1H 102K-T	B	49.8/66.9
C197	4030017460	S.CER C1005 JB 1H 102K-T	B	47.8/66.9
C198	4030017460	S.CER C1005 JB 1H 102K-T	B	46.8/66.9
C199	4030017460	S.CER C1005 JB 1H 102K-T	B	45.8/66.9
C200	4030017460	S.CER C1005 JB 1H 102K-T	B	44.8/66.9
C201	4030017460	S.CER C1005 JB 1H 102K-T	B	43.8/66.9
C204	4030017460	S.CER C1005 JB 1H 102K-T	B	40.8/65.7
C206	4030017460	S.CER C1005 JB 1H 102K-T	B	38.8/65.7
C208	4030017460	S.CER C1005 JB 1H 102K-T	B	36.1/65.7
C212	4030017460	S.CER C1005 JB 1H 102K-T	T	42.4/13.8
C213	4030017460	S.CER C1005 JB 1H 102K-T	B	43.8/14.5
C214	4030017460	S.CER C1005 JB 1H 102K-T	B	46.5/14.5
C216	4030017460	S.CER C1005 JB 1H 102K-T	B	49.1/14.5
C217	4030017460	S.CER C1005 JB 1H 102K-T	B	50.9/14.5
C218	4030017460	S.CER C1005 JB 1H 102K-T	B	52.7/14.5
C219	4030017460	S.CER C1005 JB 1H 102K-T	B	58.2/11.4
C236	4030017460	S.CER C1005 JB 1H 102K-T	B	17.0/10.0
C238	4030017460	S.CER C1005 JB 1H 102K-T	B	19.0/11.1
C242	4030017400	S.CER C1005 CH 1H 220J-T	B	23.0/10.0
C243	4030017400	S.CER C1005 CH 1H 220J-T	B	24.0/11.1
C245	4030017460	S.CER C1005 JB 1H 102K-T	B	26.0/10.0
C246	4030017400	S.CER C1005 CH 1H 220J-T	B	27.0/11.1
C247	4030017400	S.CER C1005 CH 1H 220J-T	B	28.0/10.0
C248	4030017400	S.CER C1005 CH 1H 220J-T	B	29.0/11.1
C249	4030017400	S.CER C1005 CH 1H 220J-T	B	30.0/10.0
C251	4030017460	S.CER C1005 JB 1H 102K-T	T	186.8/14.4
C254	4030017460	S.CER C1005 JB 1H 102K-T	T	188.8/14.4
C256	4030017460	S.CER C1005 JB 1H 102K-T	T	190.8/14.4
C258	4030017460	S.CER C1005 JB 1H 102K-T	T	192.8/14.4
C260	4030017460	S.CER C1005 JB 1H 102K-T	T	194.5/14.4
C262	4030017460	S.CER C1005 JB 1H 102K-T	T	195.8/14.4
C263	4030017460	S.CER C1005 JB 1H 102K-T	T	197.8/11.6
C264	4030017460	S.CER C1005 JB 1H 102K-T	T	198.8/11.6
C265	4030017460	S.CER C1005 JB 1H 102K-T	T	199.8/11.6
C266	4030017460	S.CER C1005 JB 1H 102K-T	T	200.8/11.6
C267	4030017460	S.CER C1005 JB 1H 102K-T	T	201.8/11.6
C268	4030017460	S.CER C1005 JB 1H 102K-T	T	203.2/11.6
C270	4030017400	S.CER C1005 CH 1H 220J-T	T	204.8/12.2
C271	4030017400	S.CER C1005 CH 1H 220J-T	T	205.8/11.6
C272	4030017400	S.CER C1005 CH 1H 220J-T	T	206.8/12.4
C273	4030017400	S.CER C1005 CH 1H 220J-T	T	207.8/11.6
C274	4030017460	S.CER C1005 JB 1H 102K-T	T	208.8/11.6
C275	4030017460	S.CER C1005 JB 1H 102K-T	T	209.8/11.6
C276	4030017460	S.CER C1005 JB 1H 102K-T	T	210.8/11.6
C277	4030017460	S.CER C1005 JB 1H 102K-T	T	211.8/11.6
C278	4030017460	S.CER C1005 JB 1H 102K-T	T	212.8/11.6
C279	4030017460	S.CER C1005 JB 1H 102K-T	T	214.5/11.6
C280	4030017460	S.CER C1005 JB 1H 102K-T	T	215.5/12.1
C1001	4030016930	S.CER C1005 JB 1A 104K-T	B	197.0/30.7
C1021	4030016790	S.CER C1005 JB 1E 103K-T	B	244.7/37.8
C1022	4030016790	S.CER C1005 JB 1E 103K-T	B	194.6/37.0
C1041	4030016930	S.CER C1005 JB 1A 104K-T	B	187.2/31.2
C1081	4030016930	S.CER C1005 JB 1A 104K-T	B	238.4/4.2
C1101	4030011600	S.CER C1608 JB 1E 104K-T	T	222.5/4.6
C1102	4030008890	S.CER C1608 JB 1H 273K-T	T	225.8/3.0
C1141	4030016930	S.CER C1005 JB 1A 104K-T	T	223.3/9.6
C1161	4030016930	S.CER C1005 JB 1A 104K-T	B	219.0/22.6
C1162	4030016930	S.CER C1005 JB 1A 104K-T	B	219.2/10.2
C1163	4030016790	S.CER C1005 JB 1E 103K-T	B	222.4/25.5
C1167	4030016790	S.CER C1005 JB 1E 103K-T	B	209.8/29.3
C1168	4030016790	S.CER C1005 JB 1E 103K-T	B	221.7/14.6
C1169	4030016790	S.CER C1005 JB 1E 103K-T	B	221.9/23.4
C1170	4030016790	S.CER C1005 JB 1E 103K-T	B	209.8/24.6
C1171	4030016790	S.CER C1005 JB 1E 103K-T	B	223.3/12.5
C1172	4030016790	S.CER C1005 JB 1E 103K-T	B	210.6/11.0
C1173	4030019560	S.CER GRM21BB31C106KE15L	B	221.6/27.8
C1174	4030019560	S.CER GRM21BB31C106KE15L	B	210.7/22.3
C1175	4030016790	S.CER C1005 JB 1E 103K-T	B	221.7/17.4
C1176	4030016790	S.CER C1005 JB 1E 103K-T	B	210.5/13.0
C1177	4030016790	S.CER C1005 JB 1E 103K-T	B	210.4/17.0
C1178	4030016790	S.CER C1005 JB 1E 103K-T	B	221.0/29.5
C1179	4030019990	S.CER C1005 JB 1C 104K-T	B	197.0/26.3
C1180	4030019990	S.CER C1005 JB 1C 104K-T	B	207.1/22.4
C1201	4030016790	S.CER C1005 JB 1E 103K-T	B	249.1/6.9
C1202	4030016790	S.CER C1005 JB 1E 103K-T	B	250.7/6.9
C1203	4030016790	S.CER C1005 JB 1E 103K-T	B	252.3/6.9
C1204	4030016790	S.CER C1005 JB 1E 103K-T	B	254.3/4.2
C1205	4030019560	S.CER GRM21BB31C106KE15L	B	255.0/8.7
C1206	4030016790	S.CER C1005 JB 1E 103K-T	B	256.3/10.1
C1207	4030016930	S.CER C1005 JB 1A 104K-T	B	233.9/15.4
C1208	4030016930	S.CER C1005 JB 1A 104K-T	B	255.8/36.4
C1209	4030016930	S.CER C1005 JB 1A 104K-T	B	259.8/17.7
C1210	4030016930	S.CER C1005 JB 1A 104K-T	B	260.3/16.1
C1211	4030016930	S.CER C1005 JB 1A 104K-T	B	237.4/11.2
C1212	4030019560	S.CER GRM21BB31C106KE15L	B	255.0/6.9
C1213	4030016790	S.CER C1005 JB 1E 103K-T	B	256.3/11.0
C1214	4030016930	S.CER C1005 JB 1A 104K-T	B	260.2/22.5
C1215	4030017620	S.CER C1005 CH 1H 100C-T	B	261.2/19.3
C1216	4030017620	S.CER C1005 CH 1H 100C-T	B	261.2/20.9
C1217	4030016930	S.CER C1005 JB 1A 104K-T	B	240.3/36.4

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C1261	4030016930	S.CER C1005 JB 1A 104K-T	T	238.7/26.8
C1262	4030016930	S.CER C1005 JB 1A 104K-T	T	245.2/11.0
C1263	4030016930	S.CER C1005 JB 1A 104K-T	T	250.5/11.0
C1264	4030016930	S.CER C1005 JB 1A 104K-T	T	259.3/13.7
C1265	4030016930	S.CER C1005 JB 1A 104K-T	T	259.3/19.7
C1266	4030016930	S.CER C1005 JB 1A 104K-T	T	249.7/30.9
C1267	4030016930	S.CER C1005 JB 1A 104K-T	T	244.6/30.5
C1268	4030009990	S.CER C1608 CH 1H 200J-T	T	261.0/27.7
C1281	4030016790	S.CER C1005 JB 1E 103K-T	B	233.3/11.7
C2001	4030017660	S.CER C1005 CH 1H 330J-T	T	28.5/39.6
C2002	4030017770	S.CER C1005 JB 1H 332K-T	T	27.5/48.3
C2003	4030017770	S.CER C1005 JB 1H 332K-T	T	27.5/39.6
C2004	4030019990	S.CER C1005 JB 1C 104K-T	T	26.6/42.8
C2005	4030019990	S.CER C1005 JB 1C 104K-T	T	27.0/46.2
C2006	4030019990	S.CER C1005 JB 1C 104K-T	T	27.0/47.1
C2007	4030017430	S.CER C1005 CH 1H 101J-T	T	26.6/39.6
C2008	4030017660	S.CER C1005 CH 1H 330J-T	T	29.3/50.8
C2009	4030017430	S.CER C1005 CH 1H 101J-T	T	26.6/48.3
C2010	4030018980	S.CER C1608 JB 1H 104K-T	T	16.3/39.8
C2011	4030018980	S.CER C1608 JB 1H 104K-T	T	15.5/48.2
C2012	4030019560	S.CER GRM21BB31C106KE15L	T	14.7/46.0
C2013	4030019560	S.CER GRM21BB31C106KE15L	T	14.7/42.7
C2014	4030019990	S.CER C1005 JB 1C 104K-T	T	16.2/45.6
C2015	4030019990	S.CER C1005 JB 1C 104K-T	T	16.2/43.0
C2016	4030018970	S.CER C3225 JB 1C 226MT-N	T	10.3/44.3
C2017	4030019560	S.CER GRM21BB31C106KE15L	T	26.6/36.7
C2018	4030019560	S.CER GRM21BB31C106KE15L	T	26.6/35.0
C2019	4030019560	S.CER GRM21BB31C106KE15L	T	23.9/56.1
C2020	4030019560	S.CER GRM21BB31C106KE15L	T	22.1/56.1
C2021	4030018970	S.CER C3225 JB 1C 226MT-N	T	10.3/41.3
C2102	4550006780	S.TAN TEESVB2 0J 476M8R	B	108.5/10.2
C2103	4510009340	S.ELE EEEHA1C101WP	T	93.2/15.0
C3201	4030011600	S.CER C1608 JB 1E 104K-T	B	38.4/29.4
C3202	4030011600	S.CER C1608 JB 1E 104K-T	B	40.7/37.7
C3203	4030011600	S.CER C1608 JB 1E 104K-T	B	40.7/44.6
C3204	4030011600	S.CER C1608 JB 1E 104K-T	B	40.7/51.5
C3205	4030011600	S.CER C1608 JB 1E 104K-T	B	41.0/29.4
C3251	4030017810	S.CER C1608 CH 1H 102J-T	T	66.3/31.9
C3253	4030011600	S.CER C1608 JB 1E 104K-T	B	53.7/31.0
C3271	4030012610	S.CER C2012 JB 1C 474K-T	T	66.6/38.8
C3272	4030019120	S.CER GRM188B31E105KA75D	T	61.5/35.9
C3275	4030019120	S.CER GRM188B31E105KA75D	T	62.0/25.2
C3276	4030019120	S.CER GRM188B31E105KA75D	T	60.8/25.2
C3277	4030019120	S.CER GRM188B31E105KA75D	T	59.6/25.2
C3278	4030019120	S.CER GRM188B31E105KA75D	T	60.2/37.2
C3279	4030011600	S.CER C1608 JB 1E 104K-T	B	57.9/32.2
C3280	4030019560	S.CER GRM21BB31C106KE15L	B	56.7/23.2
C3282	4030017620	S.CER C1005 CH 1H 100C-T	T	57.0/27.3
C3283	4030019120	S.CER GRM188B31E105KA75D	B	56.3/28.5
C3284	4030011600	S.CER C1608 JB 1E 104K-T	B	62.5/27.1
C3289	4030019560	S.CER GRM21BB31C106KE15L	B	56.7/21.5
C3290	4030019560	S.CER GRM21BB31C106KE15L	B	53.2/21.0
C3401	4510009910	S.ELE 16 CE 10 LH	T	108.3/60.4
C3402	4030019120	S.CER GRM188B31E105KA75D	T	107.4/57.3
C3403	4030017810	S.CER C1608 CH 1H 102J-T	B	107.1/57.8
C3404	4030019120	S.CER GRM188B31E105KA75D	T	110.0/57.3
C3405	4030019460	S.CER C1608 JB 0J 106M-T	T	111.7/54.7
C3406	4030019460	S.CER C1608 JB 0J 106M-T	T	110.8/49.5
C3407	4030007120	S.CER C1608 CH 1H 820J-T	B	107.1/49.0
C3409	4030019460	S.CER C1608 JB 0J 106M-T	T	111.0/50.7
C3410	4550003220	S.TAN TEESVA 1E 105M8R	T	104.0/55.4
C3411	4030011600	S.CER C1608 JB 1E 104K-T	T	98.3/46.2
C3412	4510009250	S.ELE EEEFK1C471P	T	104.0/49.9
C3414	4510009250	S.ELE EEEFK1C471P	T	106.6/28.5
C3415	4510008500	S.ELE EEE1CA101WP	T	112.6/45.3
C3416	4030011600	S.CER C1608 JB 1E 104K-T	T	111.7/56.0
C3421	4030011600	S.CER C1608 JB 1E 104K-T	B	116.9/57.9
C3422	4030011600	S.CER C1608 JB 1E 104K-T	T	113.4/49.5
C3423	4030011600	S.CER C1608 JB 1E 104K-T	B	133.9/56.1
C3424	4030011600	S.CER C1608 JB 1E 104K-T	T	128.9/49.0
C3431	4030017770	S.CER C1005 JB 1H 332K-T	B	116.8/44.6
C3432	4030017030	S.CER C1005 JB 1A 273K-T	B	119.2/44.6
C3433	4030020010	S.CER C1005 CH 1H 271J-T	B	117.6/47.1
C3434	4030016940	S.CER C1005 JB 1A 393K-T	T	119.8/44.5
C3435	4030016930	S.CER C1005 JB 1A 104K-T	T	117.9/47.0
C3441	4030019560	S.CER GRM21BB31C106KE15L	T	115.2/56.3
C3442	4030019560	S.CER GRM21BB31C106KE15L	T	114.0/58.7
C3443	4030019560	S.CER GRM21BB31C106KE15L	T	116.4/50.4
C3444	4030019560	S.CER GRM21BB31C106KE15L	T	120.4/55.5
C3450	4030011330	S.CER C1608 CH 1H 391J-T	T	127.7/49.0
C3451	4030018620	S.CER C1608 CH 1H 222J-T	T	123.2/49.4
C3452	4030020010	S.CER C1005 CH 1H 271J-T	T	122.1/49.9
C3453	4030018620	S.CER C1608 CH 1H 222J-T	T	125.2/51.7
C3454	4030017810	S.CER C1608 CH 1H 102J-T	T	126.4/51.7
C3455	4030017870	S.CER C1608 CH 1H 681J-T	T	124.3/54.6
C3456	4030007120	S.CER C1608 CH 1H 820J-T	T	123.1/54.6
C3457	4030017800	S.CER C1608 CH 1H 561J-T	T	124.4/45.8
C3458	4030018620	S.CER C1608 CH 1H 222J-T	T	125.3/49.0
C3459	4030019570	S.CER C1608 CH 1H 332J-T	T	126.5/49.0
C3460	4030017620	S.CER C1005 CH 1H 100C-T	T	125.5/46.1
C3461	4030019560	S.CER GRM21BB31C106KE15L	B	127.2/47.5
C3462	4030019120	S.CER GRM188B31E105KA75D	T	128.9/53.7
C3463	4030011600	S.CER C1608 JB 1E 104K-T	T	131.1/55.7
C3464	4030011600	S.CER C1608 JB 1E 104K-T	B	135.0/51.2
C3465	4030011600	S.CER C1608 JB 1E 104K-T	B	138.3/53.4
C3466	4030007170	S.CER C1608 CH 1H 221J-T	T	132.4/46.2
C3467	4030011600	S.CER C1608 JB 1E 104K-T	B	136.9/55.5
C3468	4030007140	S.CER C1608 CH 1H 121J-T	T	134.5/45.5
C3470	4030019560	S.CER GRM21BB31C106KE15L	T	132.2/58.9
C3472	4030019560	S.CER GRM21BB31C106KE15L	B	135.9/45.9
C3473	4030019560	S.CER GRM21BB31C106KE15L	T	122.1/45.0
C3475	4030019560	S.CER GRM21BB31C106KE15L	B	122.5/55.3
C3477	4030011600	S.CER C1608 JB 1E 104K-T	T	140.9/46.1
C3478	4030011600	S.CER C1608 JB 1E 104K-T	T	141.3/50.8
C3484	4030016930	S.CER C1005 JB 1A 104K-T	B	81.6/67.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C3485	4030016930	S.CER C1005 JB 1A 104K-T	B	86.9/71.9
C3486	4030016930	S.CER C1005 JB 1A 104K-T	B	81.6/64.2
C3487	4030016930	S.CER C1005 JB 1A 104K-T	B	81.6/63.1
C3488	4030016930	S.CER C1005 JB 1A 104K-T	B	82.7/69.0
C3489	4030016930	S.CER C1005 JB 1A 104K-T	B	86.0/65.6
C3490	4030016930	S.CER C1005 JB 1A 104K-T	B	67.2/65.1
C3491	4030016930	S.CER C1005 JB 1A 104K-T	B	71.3/72.4
C3492	4030016930	S.CER C1005 JB 1A 104K-T	B	67.2/67.8
C3493	4030016930	S.CER C1005 JB 1A 104K-T	B	67.2/64.0
C3494	4030016930	S.CER C1005 JB 1A 104K-T	B	67.2/69.9
C3495	4030016930	S.CER C1005 JB 1A 104K-T	B	71.1/66.0
C3496	4030016930	S.CER C1005 JB 1A 104K-T	B	56.0/68.1
C3497	4030016930	S.CER C1005 JB 1A 104K-T	B	60.3/72.7
C3498	4030016930	S.CER C1005 JB 1A 104K-T	B	56.0/65.1
C3499	4030016930	S.CER C1005 JB 1A 104K-T	B	56.0/64.0
C3500	4030016930	S.CER C1005 JB 1A 104K-T	B	56.0/69.9
C3501	4030016930	S.CER C1005 JB 1A 104K-T	B	60.7/66.5
C3502	4030016930	S.CER C1005 JB 1A 104K-T	B	89.2/69.1
C3503	4030016930	S.CER C1005 JB 1A 104K-T	B	73.9/69.7
C3504	4030016930	S.CER C1005 JB 1A 104K-T	B	63.5/70.0
C3505	4030011600	S.CER C1608 JB 1E 104K-T	B	111.6/19.0
C3506	4030011600	S.CER C1608 JB 1E 104K-T	B	105.7/19.0
C3507	4030011600	S.CER C1608 JB 1E 104K-T	B	99.8/19.0
C3508	4030016930	S.CER C1005 JB 1A 104K-T	B	86.9/69.1
C3509	4030016930	S.CER C1005 JB 1A 104K-T	B	71.3/69.7
C3510	4030016930	S.CER C1005 JB 1A 104K-T	B	60.2/70.0
C3511	4030011600	S.CER C1608 JB 1E 104K-T	B	115.4/19.6
C3512	4030011600	S.CER C1608 JB 1E 104K-T	B	109.5/19.6
C3513	4030011600	S.CER C1608 JB 1E 104K-T	B	103.6/19.6
C3523	4030017420	S.CER C1005 CH 1H 470J-T	T	118.0/41.8
C3525	4030017460	S.CER C1005 JB 1H 102K-T	B	125.3/37.2
C3527	4030017420	S.CER C1005 CH 1H 470J-T	T	118.8/38.2
C3529	4030011600	S.CER C1608 JB 1E 104K-T	B	115.1/38.0
C3530	4030011600	S.CER C1608 JB 1E 104K-T	B	121.9/40.7
C3535	4030017460	S.CER C1005 JB 1H 102K-T	B	126.6/27.0
C3539	4030011600	S.CER C1608 JB 1E 104K-T	B	115.1/27.9
C3540	4030011600	S.CER C1608 JB 1E 104K-T	B	121.9/30.6
C3541	4030011600	S.CER C1608 JB 1E 104K-T	B	123.3/31.3
C3542	4030011600	S.CER C1608 JB 1E 104K-T	B	130.2/33.4
C3543	4030017420	S.CER C1005 CH 1H 470J-T	T	117.8/31.7
C3545	4030017420	S.CER C1005 CH 1H 470J-T	T	118.7/28.1
C3601	4030019560	S.CER GRM21BB31C106KE15L	B	87.4/36.5
C3604	4030019560	S.CER GRM21BB31C106KE15L	B	80.1/32.3
C3606	4030018590	S.CER C1608 CH 1H 122J-T	T	89.7/37.9
C3607	4030018600	S.CER C1608 CH 1H 152J-T	T	84.3/38.3
C3608	4030007140	S.CER C1608 CH 1H 121J-T	T	84.3/37.1
C3609	4030011330	S.CER C1608 CH 1H 391J-T	T	87.0/37.1
C3610	4030018620	S.CER C1608 CH 1H 222J-T	T	86.7/34.0
C3611	4030018620	S.CER C1608 CH 1H 222J-T	T	85.5/34.0
C3612	4030020010	S.CER C1005 CH 1H 271J-T	T	87.8/31.8
C3621	4030011600	S.CER C1608 JB 1E 104K-T	T	86.7/28.5
C3622	4030019560	S.CER GRM21BB31C106KE15L	B	86.3/25.0
C3623	4030011600	S.CER C1608 JB 1E 104K-T	B	88.1/24.6
C3624	4030017810	S.CER C1608 CH 1H 102J-T	T	89.5/28.5
C3625	4030011600	S.CER C1608 JB 1E 104K-T	T	85.4/26.5
C3626	4030011600	S.CER C1608 JB 1E 104K-T	T	90.1/24.2
C3627	4030016790	S.CER C1005 JB 1E 103K-T	T	83.2/23.5
C3631	4030011600	S.CER C1608 JB 1E 104K-T	B	76.0/27.0
C3632	4030011600	S.CER C1608 JB 1E 104K-T	T	82.1/26.3
C3633	4030019560	S.CER GRM21BB31C106KE15L	T	80.6/26.1
C3634	4030011600	S.CER C1608 JB 1E 104K-T	T	77.4/24.5
C3635	4030016790	S.CER C1005 JB 1E 103K-T	T	75.3/27.9
C3636	4030019460	S.CER C1608 JB 0J 106M-T	B	80.7/27.0
C3652	4030006900	S.CER C1608 JB 1H 103K-T	B	83.7/45.7
C3653	4030016790	S.CER C1005 JB 1E 103K-T	T	80.1/43.1
C3654	4030011600	S.CER C1608 JB 1E 104K-T	T	82.8/42.5
C3655	4030019560	S.CER GRM21BB31C106KE15L	T	82.2/41.0
C3656	4030011600	S.CER C1608 JB 1E 104K-T	T	84.4/45.7
C3657	4030007090	S.CER C1608 CH 1H 470J-T	T	80.1/48.7
C3673	4030011600	S.CER C1608 JB 1E 104K-T	B	70.8/57.7
C3675	4030016790	S.CER C1005 JB 1E 103K-T	T	96.1/50.7
C3676	4030016790	S.CER C1005 JB 1E 103K-T	T	90.4/47.9
C3677	4030006880	S.CER C1608 JB 1H 472K-T	T	93.9/50.9
C3681	4030011600	S.CER C1608 JB 1E 104K-T	T	66.7/50.7
C3682	4030010760	S.CER C1608 CH 1H 331J-T	T	66.5/54.5
C3683	4030018600	S.CER C1608 CH 1H 152J-T	T	64.2/53.3
C3685	4030010760	S.CER C1608 CH 1H 331J-T	T	63.9/54.5
C3686	4030011840	S.CER C1608 CH 1H 241J-T	T	61.6/50.8
C3687	4030007100	S.CER C1608 CH 1H 560J-T	T	61.6/52.0
C3688	4030011840	S.CER C1608 CH 1H 241J-T	T	59.7/51.3
C3689	4030011600	S.CER C1608 JB 1E 104K-T	T	58.6/49.2
C3691	4030006880	S.CER C1608 JB 1H 472K-T	T	67.0/57.2
C3692	4030007110	S.CER C1608 CH 1H 680J-T	T	66.9/61.4
C3693	4030007150	S.CER C1608 CH 1H 151J-T	T	64.3/60.2
C3694	4030007110	S.CER C1608 CH 1H 680J-T	T	64.3/61.4
C3695	4030007070	S.CER C1608 CH 1H 330J-T	T	61.6/57.3
C3696	4030007030	S.CER C1608 CH 1H 150J-T	T	61.6/58.5
C3697	4030007070	S.CER C1608 CH 1H 330J-T	T	59.8/57.8
C3698	4030006880	S.CER C1608 JB 1H 472K-T	T	58.6/55.7
C3701	4030011600	S.CER C1608 JB 1E 104K-T	T	53.5/61.5
C3702	4030011600	S.CER C1608 JB 1E 104K-T	B	52.8/54.1
C3703	4030011600	S.CER C1608 JB 1E 104K-T	T	55.0/61.5
C3801	4030017480	S.CER C1608 JB 1A 474K-T	B	95.1/40.3
C3901	4030011600	S.CER C1608 JB 1E 104K-T	T	206.2/71.3
C3902	4030007010	S.CER C1608 CH 1H 100D-T	T	202.1/71.0
C3903	4030007010	S.CER C1608 CH 1H 100D-T	T	204.2/72.7
C3905	4030011600	S.CER C1608 JB 1E 104K-T	T	209.5/71.3
C3911	4030016930	S.CER C1005 JB 1A 104K-T	B	199.1/56.9
C3912	4030016930	S.CER C1005 JB 1A 104K-T	B	200.3/57.2
C3920	4030011600	S.CER C1608 JB 1E 104K-T	B	203.0/54.3
C3921	4550006780	S.TAN TEESVB2 0J 476M8R	B	201.8/47.9
C3951	4030011600	S.CER C1608 JB 1E 104K-T	B	245.8/47.4
C3952	4030011600	S.CER C1608 JB 1E 104K-T	B	246.7/40.9
C4001	4030019460	S.CER C1608 JB 0J 106M-T	T	234.9/63.1
C4002	4030019460	S.CER C1608 JB 0J 106M-T	T	239.3/32.0

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C4003	4030019460	S.CER C1608 JB 0J 106M-T	T	206.7/28.0
C4004	4030019460	S.CER C1608 JB 0J 106M-T	T	210.2/63.1
C4005	4030019460	S.CER C1608 JB 0J 106M-T	T	230.8/63.1
C4006	4030019460	S.CER C1608 JB 0J 106M-T	T	206.7/29.2
C4007	4030019460	S.CER C1608 JB 0J 106M-T	T	206.9/31.4
C4008	4030019460	S.CER C1608 JB 0J 106M-T	T	204.8/58.5
C4009	4030019460	S.CER C1608 JB 0J 106M-T	T	237.6/60.2
C4010	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/33.4
C4011	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/37.7
C4012	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/41.7
C4013	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/43.3
C4014	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/44.9
C4015	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/49.3
C4016	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/54.3
C4017	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/58.8
C4018	4030019460	S.CER C1608 JB 0J 106M-T	T	205.1/32.1
C4019	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/35.0
C4020	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/40.1
C4021	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/47.7
C4022	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/52.7
C4023	4030016930	S.CER C1005 JB 1A 104K-T	T	238.5/57.2
C4024	4030016930	S.CER C1005 JB 1A 104K-T	T	234.4/29.4
C4025	4030016930	S.CER C1005 JB 1A 104K-T	T	235.2/62.1
C4026	4030016930	S.CER C1005 JB 1A 104K-T	T	233.6/62.1
C4027	4030016930	S.CER C1005 JB 1A 104K-T	T	232.8/29.4
C4028	4030016930	S.CER C1005 JB 1A 104K-T	T	230.5/62.1
C4029	4030016930	S.CER C1005 JB 1A 104K-T	T	228.9/62.1
C4030	4030016930	S.CER C1005 JB 1A 104K-T	T	227.7/28.9
C4031	4030016930	S.CER C1005 JB 1A 104K-T	T	226.2/28.1
C4032	4030016930	S.CER C1005 JB 1A 104K-T	T	226.3/62.1
C4033	4030016930	S.CER C1005 JB 1A 104K-T	T	224.7/62.1
C4034	4030016930	S.CER C1005 JB 1A 104K-T	T	223.1/62.1
C4035	4030016930	S.CER C1005 JB 1A 104K-T	T	222.6/28.3
C4036	4030016930	S.CER C1005 JB 1A 104K-T	T	221.4/28.3
C4038	4030016930	S.CER C1005 JB 1A 104K-T	T	219.0/64.5
C4039	4030016930	S.CER C1005 JB 1A 104K-T	T	217.7/62.1
C4040	4030016930	S.CER C1005 JB 1A 104K-T	T	216.1/62.1
C4041	4030016930	S.CER C1005 JB 1A 104K-T	T	213.5/29.4
C4042	4030016930	S.CER C1005 JB 1A 104K-T	T	213.9/62.1
C4043	4030016930	S.CER C1005 JB 1A 104K-T	T	212.3/29.0
C4044	4030016930	S.CER C1005 JB 1A 104K-T	T	211.4/29.0
C4045	4030016930	S.CER C1005 JB 1A 104K-T	T	210.5/29.0
C4046	4030016930	S.CER C1005 JB 1A 104K-T	T	209.4/29.0
C4047	4030016930	S.CER C1005 JB 1A 104K-T	T	208.5/29.0
C4048	4030016930	S.CER C1005 JB 1A 104K-T	T	209.9/62.1
C4049	4030016930	S.CER C1005 JB 1A 104K-T	T	204.7/36.6
C4050	4030016930	S.CER C1005 JB 1A 104K-T	T	206.0/41.4
C4051	4030016930	S.CER C1005 JB 1A 104K-T	T	205.8/46.4
C4052	4030016930	S.CER C1005 JB 1A 104K-T	T	205.7/54.6
C4053	4030016930	S.CER C1005 JB 1A 104K-T	T	205.8/57.2
C4054	4030019460	S.CER C1608 JB 0J 106M-T	T	225.9/29.1
C4055	4030016930	S.CER C1005 JB 1A 104K-T	T	205.4/31.1
C4056	4030016930	S.CER C1005 JB 1A 104K-T	T	205.8/33.8
C4057	4030016930	S.CER C1005 JB 1A 104K-T	T	205.8/35.4
C4058	4030016930	S.CER C1005 JB 1A 104K-T	T	206.0/39.8
C4059	4030016930	S.CER C1005 JB 1A 104K-T	T	205.6/42.7
C4060	4030016930	S.CER C1005 JB 1A 104K-T	T	205.8/48.0
C4061	4030016930	S.CER C1005 JB 1A 104K-T	T	205.3/51.4
C4062	4030017460	S.CER C1005 JB 1H 102K-T	T	221.3/62.1
C4063	4030016930	S.CER C1005 JB 1A 104K-T	T	205.8/58.8
C4064	4030016790	S.CER C1005 JB 1E 103K-T	T	221.3/63.0
C4065	4030016930	S.CER C1005 JB 1A 104K-T	T	221.3/63.9
C4066	4030017600	S.CER C1005 CH 1H 080C-T	T	202.9/40.7
C4069	4030019460	S.CER C1608 JB 0J 106M-T	T	202.5/52.4
C4208	4030016930	S.CER C1005 JB 1A 104K-T	T	266.1/63.1
C4209	4030019460	S.CER C1608 JB 0J 106M-T	T	263.9/62.7
C4210	4030016930	S.CER C1005 JB 1A 104K-T	T	263.8/58.3
C4401	4030019560	S.CER GRM21BB31C106KE15L	T	148.3/19.8
C4402	4030019560	S.CER GRM21BB31C106KE15L	T	145.8/12.5
C4403	4030019560	S.CER GRM21BB31C106KE15L	T	154.6/26.5
C4404	4030019560	S.CER GRM21BB31C106KE15L	T	143.2/22.5
C4405	4030019560	S.CER GRM21BB31C106KE15L	T	167.3/13.7
C4406	4030019560	S.CER GRM21BB31C106KE15L	T	155.2/13.6
C4407	4030019560	S.CER GRM21BB31C106KE15L	T	172.2/22.4
C4408	4030019560	S.CER GRM21BB31C106KE15L	T	172.2/28.1
C4409	4030019560	S.CER GRM21BB31C106KE15L	T	181.4/34.7
C4410	4030019560	S.CER GRM21BB31C106KE15L	T	181.4/38.9
C4414	4550007480	S.TAN F930J106MAABMA	T	176.3/42.2
C4415	4550007480	S.TAN F930J106MAABMA	T	167.2/17.3
C4416	4550007480	S.TAN F930J106MAABMA	T	171.4/35.7
C4417	4030019120	S.CER GRM188B31E105KA75D	T	168.7/19.5
C4418	4030019120	S.CER GRM188B31E105KA75D	T	168.6/31.5
C4420	4030017730	S.CER C1005 JB 1H 471K-T	T	152.4/16.3
C4421	4550007480	S.TAN F930J106MAABMA	T	143.8/20.0
C4422	4550007480	S.TAN F930J106MAABMA	T	153.0/19.7
C4423	4030011600	S.CER C1608 JB 1E 104K-T	T	165.7/13.8
C4424	4550007480	S.TAN F930J106MAABMA	T	162.0/10.1
C4425	4030011600	S.CER C1608 JB 1E 104K-T	T	177.7/40.5
C4426	4030011600	S.CER C1608 JB 1E 104K-T	T	177.7/31.7
C4427	4030017810	S.CER C1608 CH 1H 102J-T	T	163.2/17.3
C4428	4030011600	S.CER C1608 JB 1E 104K-T	T	168.6/21.4
C4429	4030011600	S.CER C1608 JB 1E 104K-T	T	168.6/30.3
C4430	4030017810	S.CER C1608 CH 1H 102J-T	T	174.3/37.2
C4431	4030017810	S.CER C1608 CH 1H 102J-T	T	174.3/34.2
C4432	4030017430	S.CER C1005 CH 1H 101J-T	T	165.3/24.0
C4433	4030017430	S.CER C1005 CH 1H 101J-T	T	165.3/27.6
C4434	4030011600	S.CER C1608 JB 1E 104K-T	T	154.3/23.1
C4435	4030011600	S.CER C1608 JB 1E 104K-T	T	144.0/24.7
C4436	4030011600	S.CER C1608 JB 1E 104K-T	T	156.8/13.8
C4437	4030017870	S.CER C1608 CH 1H 681J-T	T	147.5/28.0
C4438	4030017870	S.CER C1608 CH 1H 681J-T	T	150.4/28.0
C4439	4030017810	S.CER C1608 CH 1H 102J-T	T	159.2/17.3
C4448	4030018620	S.CER C1608 CH 1H 222J-T	T	161.2/24.2
C4449	4030018620	S.CER C1608 CH 1H 222J-T	T	164.0/25.8
C4450	4030018620	S.CER C1608 CH 1H 222J-T	T	173.1/35.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C4451	4030018620	S.CER	C1608 CH 1H 222J-T	T	148.9/30.1
C4461	4550006780	S.TAN	TEESVB2 0J 476M8R	T	158.3/27.7
C4462	4030016930	S.CER	C1005 JB 1A 104K-T	T	157.9/31.0
C4463	4030016930	S.CER	C1005 JB 1A 104K-T	T	157.4/31.9
C4464	4030016930	S.CER	C1005 JB 1A 104K-T	T	163.6/29.4
C4465	4030019460	S.CER	C1608 JB 0J 106M-T	T	154.1/31.9
C4466	4030016930	S.CER	C1005 JB 1A 104K-T	T	154.4/30.9
C4467	4030019460	S.CER	C1608 JB 0J 106M-T	T	156.2/47.9
C4468	4030016930	S.CER	C1005 JB 1A 104K-T	T	167.8/37.7
C4469	4030016930	S.CER	C1005 JB 1A 104K-T	T	156.4/46.8
C4470	4030016930	S.CER	C1005 JB 1A 104K-T	T	153.0/36.8
C4471	4030016930	S.CER	C1005 JB 1A 104K-T	T	155.7/44.8
C4472	4030016930	S.CER	C1005 JB 1A 104K-T	T	165.3/46.2
C4473	4030019460	S.CER	C1608 JB 0J 106M-T	T	152.4/35.1
C4474	4030016930	S.CER	C1005 JB 1A 104K-T	T	153.4/35.4
C4481	4030019570	S.CER	C1608 CH 1H 332J-T	T	166.8/49.9
C4482	4030018620	S.CER	C1608 CH 1H 222J-T	T	165.6/49.9
C4483	4030020160	S.CER	C1608 CH 1H 103J-T	T	171.8/41.8
C4484	4030016790	S.CER	C1005 JB 1E 103K-T	T	150.2/34.6
C4485	4030018580	S.CER	C1608 CH 1H 821J-T	T	169.5/51.6
C4486	4030019570	S.CER	C1608 CH 1H 332J-T	T	155.0/54.4
C4487	4030018620	S.CER	C1608 CH 1H 222J-T	T	170.4/44.6
C4488	4030018580	S.CER	C1608 CH 1H 821J-T	T	169.5/49.0
C4489	4030018620	S.CER	C1608 CH 1H 222J-T	T	153.8/54.4
C4490	4030018620	S.CER	C1608 CH 1H 222J-T	T	173.0/44.6
C4491	4030020160	S.CER	C1608 CH 1H 103J-T	T	150.2/41.3
C4492	4030017810	S.CER	C1608 CH 1H 102J-T	T	148.1/36.3
C4493	4030018580	S.CER	C1608 CH 1H 821J-T	T	153.8/51.6
C4494	4030017810	S.CER	C1608 CH 1H 102J-T	T	148.1/33.5
C4495	4030018580	S.CER	C1608 CH 1H 821J-T	T	151.0/53.2
C4496	4030018620	S.CER	C1608 CH 1H 222J-T	T	151.9/44.0
C4497	4030019560	S.CER	GRM21BB31C106KE15L	T	176.6/49.6
C4498	4030019560	S.CER	GRM21BB31C106KE15L	T	173.3/54.1
C4499	4030018620	S.CER	C1608 CH 1H 222J-T	T	149.3/44.0
C4500	4030019560	S.CER	GRM21BB31C106KE15L	T	142.0/31.3
C4501	4030019560	S.CER	GRM21BB31C106KE15L	T	144.4/38.6
C4502	4030019560	S.CER	GRM21BB31C106KE15L	T	146.7/49.2
C4503	4030019560	S.CER	GRM21BB31C106KE15L	T	154.0/47.8
C4504	4030016930	S.CER	C1005 JB 1A 104K-T	T	156.6/52.3
C4505	4030019560	S.CER	GRM21BB31C106KE15L	T	156.0/50.7
C4581	4030020170	S.CER	C1608 CH 1H 472J-T	T	171.8/40.6
C4591	4030020170	S.CER	C1608 CH 1H 472J-T	T	150.2/40.1
C4601	4030019560	S.CER	GRM21BB31C106KE15L	B	162.6/73.9
C4602	4030019560	S.CER	GRM21BB31C106KE15L	B	156.8/64.3
C4603	4030019560	S.CER	GRM21BB31C106KE15L	B	155.6/55.7
C4604	4030019560	S.CER	GRM21BB31C106KE15L	B	162.9/58.6
C4605	4030019560	S.CER	GRM21BB31C106KE15L	B	171.9/68.4
C4606	4030019560	S.CER	GRM21BB31C106KE15L	B	167.0/57.9
C4607	4030011600	S.CER	C1608 JB 1E 104K-T	B	153.2/56.8
C4608	4030011600	S.CER	C1608 JB 1E 104K-T	B	152.3/59.1
C4609	4030019120	S.CER	GRM188B31E105KA75D	B	167.6/67.7
C4610	4030019120	S.CER	GRM188B31E105KA75D	B	169.8/56.5
C4611	4030019460	S.CER	C1608 JB 0J 106M-T	B	164.4/63.0
C4612	4030019460	S.CER	C1608 JB 0J 106M-T	B	156.3/70.5
C4613	4030019460	S.CER	C1608 JB 0J 106M-T	B	156.3/67.8
C4614	4030011600	S.CER	C1608 JB 1E 104K-T	B	166.5/64.0
C4615	4030011600	S.CER	C1608 JB 1E 104K-T	B	166.5/61.3
C4616	4030020010	S.CER	C1005 CH 1H 271J-T	B	173.5/63.6
C4617	4030020010	S.CER	C1005 CH 1H 271J-T	B	173.5/61.3
C4618	4030007080	S.CER	C1608 CH 1H 390J-T	B	163.1/70.4
C4619	4030007090	S.CER	C1608 CH 1H 470J-T	B	163.1/67.3
C4620	4030018620	S.CER	C1608 CH 1H 222J-T	B	165.2/66.3
C4621	4030018620	S.CER	C1608 CH 1H 222J-T	B	175.4/62.4
C4651	4030016930	S.CER	C1005 JB 1A 104K-T	B	184.1/70.9
C4652	4030016930	S.CER	C1005 JB 1A 104K-T	B	186.9/71.2
C4653	4030016930	S.CER	C1005 JB 1A 104K-T	B	188.5/70.9
C4654	4030019460	S.CER	C1608 JB 0J 106M-T	B	185.8/71.7
C4655	4030019460	S.CER	C1608 JB 0J 106M-T	B	184.6/72.6
C4656	4030019460	S.CER	C1608 JB 0J 106M-T	B	186.8/59.9
C4657	4030016930	S.CER	C1005 JB 1A 104K-T	B	187.1/58.8
C4658	4030016930	S.CER	C1005 JB 1A 104K-T	B	187.3/60.9
C4661	4030019560	S.CER	GRM21BB31C106KE15L	B	171.7/54.4
C4662	4030019560	S.CER	GRM21BB31C106KE15L	B	179.4/59.2
C4663	4030019120	S.CER	GRM188B31E105KA75D	B	185.7/53.9
C4664	4030011600	S.CER	C1608 JB 1E 104K-T	B	182.3/57.6
C4665	4030019120	S.CER	GRM188B31E105KA75D	B	184.5/53.9
C4666	4030018620	S.CER	C1608 CH 1H 222J-T	B	181.5/55.7
C4667	4030018600	S.CER	C1608 CH 1H 152J-T	B	181.6/51.1
C4668	4030011340	S.CER	C1608 CH 1H 471J-T	B	179.6/53.3
C4669	4030017870	S.CER	C1608 CH 1H 681J-T	B	179.5/57.6
C4670	4030011340	S.CER	C1608 CH 1H 471J-T	B	178.8/51.1
C4671	4030017870	S.CER	C1608 CH 1H 681J-T	B	178.7/55.6
C4680	4030016930	S.CER	C1005 JB 1A 104K-T	B	197.3/71.2
C5001	4030019460	S.CER	C1608 JB 0J 106M-T	B	239.5/71.8
C5002	4030019460	S.CER	C1608 JB 0J 106M-T	B	227.3/73.5
C5003	4030019460	S.CER	C1608 JB 0J 106M-T	B	205.1/56.0
C5004	4030019460	S.CER	C1608 JB 0J 106M-T	B	239.9/43.8
C5005	4030019460	S.CER	C1608 JB 0J 106M-T	B	203.9/45.0
C5006	4030019460	S.CER	C1608 JB 0J 106M-T	B	239.9/51.4
C5007	4030019460	S.CER	C1608 JB 0J 106M-T	B	210.5/73.0
C5008	4030019460	S.CER	C1608 JB 0J 106M-T	B	229.0/37.7
C5009	4030019460	S.CER	C1608 JB 0J 106M-T	B	206.1/70.7
C5010	4030019460	S.CER	C1608 JB 0J 106M-T	B	207.8/39.5
C5011	4030016930	S.CER	C1005 JB 1A 104K-T	B	210.2/71.9
C5012	4030016930	S.CER	C1005 JB 1A 104K-T	B	214.3/72.0
C5013	4030016930	S.CER	C1005 JB 1A 104K-T	B	218.6/72.0
C5014	4030016930	S.CER	C1005 JB 1A 104K-T	B	220.3/72.0
C5015	4030016930	S.CER	C1005 JB 1A 104K-T	B	222.0/72.0
C5016	4030016930	S.CER	C1005 JB 1A 104K-T	B	226.5/72.0
C5017	4030016930	S.CER	C1005 JB 1A 104K-T	B	231.0/72.0
C5018	4030016930	S.CER	C1005 JB 1A 104K-T	B	235.5/72.0
C5019	4030016930	S.CER	C1005 JB 1A 104K-T	B	211.8/71.9
C5020	4030016930	S.CER	C1005 JB 1A 104K-T	B	216.9/72.0
C5021	4030016930	S.CER	C1005 JB 1A 104K-T	B	224.8/72.0
C5022	4030016930	S.CER	C1005 JB 1A 104K-T	B	229.4/72.0

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C5023	4030016930	S.CER	C1005 JB 1A 104K-T	B	233.9/72.0
C5024	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/68.6
C5025	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/68.7
C5026	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/67.1
C5027	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/66.9
C5028	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/63.9
C5029	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/62.3
C5030	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/61.4
C5031	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/59.7
C5032	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/59.7
C5033	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/58.1
C5034	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/56.0
C5035	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/55.5
C5036	4030016930	S.CER	C1005 JB 1A 104K-T	B	205.4/53.8
C5038	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/52.8
C5039	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/51.2
C5040	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/49.6
C5041	4030016930	S.CER	C1005 JB 1A 104K-T	B	205.7/47.7
C5042	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/46.9
C5043	4030016930	S.CER	C1005 JB 1A 104K-T	B	205.2/46.5
C5044	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/46.5
C5045	4030016930	S.CER	C1005 JB 1A 104K-T	B	205.6/44.9
C5046	4030016930	S.CER	C1005 JB 1A 104K-T	B	206.1/43.3
C5047	4030016930	S.CER	C1005 JB 1A 104K-T	B	205.2/43.3
C5048	4030016930	S.CER	C1005 JB 1A 104K-T	B	238.8/42.4
C5049	4030016930	S.CER	C1005 JB 1A 104K-T	B	213.7/38.9
C5050	4030016930	S.CER	C1005 JB 1A 104K-T	B	217.9/39.3
C5051	4030016930	S.CER	C1005 JB 1A 104K-T	B	223.2/39.0
C5052	4030016930	S.CER	C1005 JB 1A 104K-T	B	231.6/39.2
C5053	4030016930	S.CER	C1005 JB 1A 104K-T	B	233.9/39.3
C5054	4030019460	S.CER	C1608 JB 0J 106M-T	B	201.1/43.9
C5055	4030016930	S.CER	C1005 JB 1A 104K-T	B	209.3/38.6
C5056	4030016930	S.CER	C1005 JB 1A 104K-T	B	210.9/38.6
C5057	4030016930	S.CER	C1005 JB 1A 104K-T	B	212.5/38.6
C5058	4030016930	S.CER	C1005 JB 1A 104K-T	B	216.3/39.3
C5059	4030016930	S.CER	C1005 JB 1A 104K-T	B	219.5/39.3
C5060	4030016930	S.CER	C1005 JB 1A 104K-T	B	224.8/39.0
C5061	4030016930	S.CER	C1005 JB 1A 104K-T	B	228.2/39.2
C5062	4030016930	S.CER	C1005 JB 1A 104K-T	B	235.5/39.3
C5063	4030019460	S.CER	C1608 JB 0J 106M-T	B	198.7/46.4
C5201	4030016930	S.CER	C1005 JB 1A 104K-T	B	256.0/60.7
C5202	4030016930	S.CER	C1005 JB 1A 104K-T	B	256.0/67.8
C5203	4030016930	S.CER	C1005 JB 1A 104K-T	B	256.0/63.9
C5204	4030016930	S.CER	C1005 JB 1A 104K-T	B	256.0/49.5
C5205	4550006780	S.TAN	TEESVB2 0J 476M8R	B	249.8/72.5
C5206	4030016930	S.CER	C1005 JB 1A 104K-T	B	240.7/66.2
C5207	4030016930	S.CER	C1005 JB 1A 104K-T	B	240.9/62.1
C5208	4030016930	S.CER	C1005 JB 1A 104K-T	B	250.2/45.5
C5209	4030019460	S.CER	C1608 JB 0J 106M-T	B	250.9/43.7
C5210	4030016930	S.CER	C1005 JB 1A 104K-T	B	252.1/43.4
C5211	4030017380	S.CER	C1005 CH 1H 050B-T	B	241.0/57.0
C5401	4030019560	S.CER	GRM21BB31C106KE15L	B	168.4/50.9
C5402	4030019560	S.CER	GRM21BB31C106KE15L	B	161.8/42.1
C5403	4030019560	S.CER	GRM21BB31C106KE15L	B	158.4/33.9
C5404	4030019560	S.CER	GRM21BB31C106KE15L	B	165.8/37.2
C5405	4030019560	S.CER	GRM21BB31C106KE15L	B	179.6/48.8
C5406	4030019560	S.CER	GRM21BB31C106KE15L	B	172.8/39.6
C5407	4030011600	S.CER	C1608 JB 1E 104K-T	B	155.8/35.5
C5408	4030011600	S.CER	C1608 JB 1E 104K-T	B	155.2/38.2
C5409	4030019560	S.CER	GRM21BB31C106KE15L	B	172.8/17.1
C5410	4030019560	S.CER	GRM21BB31C106KE15L	B	172.3/20.5
C5411	4030019460	S.CER	C1608 JB 0J 106M-T	B	160.7/48.2
C5412	4030019120	S.CER	GRM188B31E105KA75D	B	174.3/49.0
C5413	4030019120	S.CER	GRM188B31E105KA75D	B	176.6/38.4
C5414	4030007080	S.CER	C1608 CH 1H 390J-T	B	168.5/48.1
C5415	4550007480	S.TAN	F930J106MAABMA	B	175.3/25.2
C5416	4550007480	S.TAN	F930J106MAABMA	B	175.8/12.8
C5417	4030019460	S.CER	C1608 JB 0J 106M-T	B	171.2/42.6
C5418	4030011600	S.CER	C1608 JB 1E 104K-T	B	173.3/45.3
C5419	4030011600	S.CER	C1608 JB 1E 104K-T	B	173.3/42.6
C5420	4030019460	S.CER	C1608 JB 0J 106M-T	B	176.4/23.5
C5421	4030019460	S.CER	C1608 JB 0J 106M-T	B	160.7/45.6
C5422	4030020010	S.CER	C1005 CH 1H 271J-T	B	180.2/44.9
C5423	4030020010	S.CER	C1005 CH 1H 271J-T	B	180.2/42.6
C5424	4030007090	S.CER	C1608 CH 1H 470J-T	B	167.5/45.1
C5425	4030011600	S.CER	C1608 JB 1E 104K-T	B	172.1/23.8
C5426	4030011600	S.CER	C1608 JB 1E 104K-T	B	176.4/14.5
C5427	4030017810	S.CER	C1608 CH 1H 102J-T	B	179.9/21.2
C5428	4030017810	S.CER	C1608 CH 1H 102J-T	B	179.9/17.5
C5429	4030018620	S.CER	C1608 CH 1H 222J-T	B	169.6/44.3
C5430	4030018620	S.CER	C1608 CH 1H 222J-T	B	182.2/43.7
C5431	4030018620	S.CER	C1608 CH 1H 222J-T	B	181.7/19.4
C5451	4030016930	S.CER	C1005 JB 1A 104K-T	B	188.3/50.1
C5452	4030016930	S.CER	C1005 JB 1A 104K-T	B	186.6/26.7
C5453	4030019460	S.CER	C1608 JB 0J 106M-T	B	184.7/51.0
C5454	4030016930	S.CER	C1005 JB 1A 104K-T	B	183.4/50.1
C5455	4030019460	S.CER	C1608 JB 0J 106M-T	B	185.3/27.8
C5456	4030016930	S.CER	C1005 JB 1A 104K-T	B	185.0/26.7
C5457	4030019460	S.CER	C1608 JB 0J 106M-T	B	185.9/51.0
C5458	4030016930	S.CER	C1005 JB 1A 104K-T	B	187.0/50.5
C5459	4030019460	S.CER	C1608 JB 0J 106M-T	B	187.9/27.8
C5460	4030016930	S.CER	C1005 JB 1A 104K-T	B	188.2/26.7
C5461	4030019460	S.CER	C1608 JB 0J 106M-T	B	186.8/39.2
C5462	4030016930	S.CER	C1005 JB 1A 104K-T	B	187.1/38.1
C5463	4030019460	S.CER	C1608 JB 0J 106M-T	B	185.5/15.7
C5464	4030016930	S.CER	C1005 JB 1A 104K-T	B	186.0/16.8
C5465	4030016930	S.CER	C1005 JB 1A 104K-T	B	187.3/40.2
C5466	4030016930	S.CER	C1005 JB 1A 104K-T	B	185.8/14.7
C5480	4030020170	S.CER	C1608 CH 1H 472J-T	B	176.7/29.7
C5481	4030019560	S.CER	GRM21BB31C106KE15L	B	165.4/30.3
C5482	4030019560	S.CER	GRM21BB31C106KE15L	B	171.4/36.3
C5483	4550006780	S.TAN	TEESVB2 0J 476M8R	B	180.8/28.5
C5484	4550006780	S.TAN	TEESVB2 0J 476M8R	B	180.8/31.8
C5485	4030011600	S.CER	C1608 JB 1E 104K-T	B	166.6/21.3
C5486	4550006780	S.TAN	TEESVB2 0J 476M8R	B	166.9/11.8

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C5487	4550006780	S.TAN TEESVB2 0J 476M8R	B	166.9/15.1
C5488	4550006780	S.TAN TEESVB2 0J 476M8R	B	180.8/35.1
C5489	4550006780	S.TAN TEESVB2 0J 476M8R	B	180.8/38.4
C5490	4030019560	S.CER GRM21BB31C106KE15L	B	155.9/18.0
C5491	4030019560	S.CER GRM21BB31C106KE15L	B	163.6/22.8
C5492	4030020160	S.CER C1608 CH 1H 103J-T	B	175.5/29.7
C5493	4030019570	S.CER C1608 CH 1H 332J-T	B	161.7/12.6
C5494	4030019130	S.CER C2012 CH 1H 562JT-NS	B	175.8/32.9
C5495	4030018620	S.CER C1608 CH 1H 222J-T	B	161.7/13.8
C5496	4030018620	S.CER C1608 CH 1H 222J-T	B	165.7/19.3
C5497	4030018620	S.CER C1608 CH 1H 222J-T	B	173.0/26.9
C5498	4030018580	S.CER C1608 CH 1H 821J-T	B	172.5/34.2
C5499	4030018580	S.CER C1608 CH 1H 821J-T	B	172.5/31.6
C5500	4030018580	S.CER C1608 CH 1H 821J-T	B	163.0/16.7
C5501	4030018620	S.CER C1608 CH 1H 222J-T	B	172.5/29.0
C5502	4030018580	S.CER C1608 CH 1H 821J-T	B	159.1/14.7
C5503	4030017870	S.CER C1608 CH 1H 681J-T	B	163.8/21.3
C5504	4030017870	S.CER C1608 CH 1H 681J-T	B	163.0/19.3
C5505	4030019560	S.CER GRM21BB31C106KE15L	B	175.8/36.2
C5506	4030019990	S.CER C1005 JB 1C 104K-T	B	174.4/36.1
C5520	4030016930	S.CER C1005 JB 1A 104K-T	B	195.8/54.7
C6001	4030016930	S.CER C1005 JB 1A 104K-T	B	129.8/14.9
C6002	4030016930	S.CER C1005 JB 1A 104K-T	B	127.3/17.0
C6003	4030016930	S.CER C1005 JB 1A 104K-T	B	129.8/11.4
C6004	4030016930	S.CER C1005 JB 1A 104K-T	B	127.3/13.6
C6005	4030016930	S.CER C1005 JB 1A 104K-T	B	124.0/20.1
C6006	4030019460	S.CER C1608 JB 0J 106M-T	B	123.0/19.8
C6101	4030016930	S.CER C1005 JB 1A 104K-T	T	184.6/23.8
C6102	4030016930	S.CER C1005 JB 1A 104K-T	B	154.3/18.5
C6103	4030016930	S.CER C1005 JB 1A 104K-T	B	209.0/11.3
J1	6510027480	S.CON S12B-ZR-SM4A-TF(LF)(SN)	T	221.6/72.8
J2	6510027490	S.CON S11B-ZR-SM4A-TF(LF)(SN)	T	245.9/72.8
J3	6510020081	S.CON 52808-2071(2090)	T	74.8/13.5
J5	6510022472	S.CON 40FLT-SM2-TB(LF)(SN)(M)	T	189.2/45.5
J6	6510025270	S.CON S6B-PH-SM4-TB(LF)(SN)	T	133.4/71.8
J7	6510023861	S.CON S9B-ZR-SM4A-TF(LF)(SN)	T	115.3/72.8
J8	6510022472	S.CON 40FLT-SM2-TB(LF)(SN)(M)	T	186.3/60.1
J9	6510024111	S.CON 52793-2070 (2090)	T	44.3/72.9
J10	6510027500	S.CON S11B-PH-SM4-TB(LF)(SN)	T	50.4/5.2
J11	6510024111	S.CON 52793-2070 (2090)	T	21.5/4.1
J12	6510027460	S.CON 52793-3070	T	200.3/4.1
J13	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	58.3/15.4
J1122	6510019971	S.CON 52808-1071	T	233.8/5.8
J3201	6510018450	CON TMP-S01X-B1		
J3202	6510018450	CON TMP-S01X-B1		
J3203	6510018301	S.CON S2B-ZR-SM4A-TF(LF)(SN)	T	86.8/72.8
J3204	6510023801	S.CON S4B-ZR-SM4A-TF(LF)(SN)	T	67.5/72.8
J3621	6510018450	CON TMP-S01X-B1		
J3671	6510018450	CON TMP-S01X-B1		
J3911	6510018450	CON TMP-S01X-B1		
J6001	6510025540	S.CON AXK724127G	T	121.5/13.5
J6002	6510023861	S.CON S9B-ZR-SM4A-TF(LF)(SN)	T	163.5/72.8
EP51	6910014640	S.BEA MPZ2012S221A-T	T	200.5/41.7
EP52	6910014640	S.BEA MPZ2012S221A-T	T	198.7/41.7
EP55	6910012350	S.BEA MMZ1608Y 102BT	T	187.0/42.1
EP56	6910012350	S.BEA MMZ1608Y 102BT	T	196.0/42.1
EP57	6910012350	S.BEA MMZ1608Y 102BT	T	195.5/49.0
EP58	6910012350	S.BEA MMZ1608Y 102BT	T	194.8/42.1
EP103	6910014640	S.BEA MPZ2012S221A-T	T	137.4/63.8
EP104	6910014640	S.BEA MPZ2012S221A-T	T	134.4/63.8
EP105	6910012350	S.BEA MMZ1608Y 102BT	T	130.4/63.8
EP121	6910014640	S.BEA MPZ2012S221A-T	T	121.3/66.4
EP122	6910012350	S.BEA MMZ1608Y 102BT	T	119.8/66.8
EP123	6910012350	S.BEA MMZ1608Y 102BT	T	116.8/66.8
EP124	6910012350	S.BEA MMZ1608Y 102BT	T	113.8/66.8
EP125	6910012350	S.BEA MMZ1608Y 102BT	T	110.8/66.8
EP141	6910014640	S.BEA MPZ2012S221A-T	T	185.2/64.4
EP142	6910014640	S.BEA MPZ2012S221A-T	T	188.0/63.8
EP143	6910014640	S.BEA MPZ2012S221A-T	T	187.1/56.3
EP144	6910014640	S.BEA MPZ2012S221A-T	T	188.8/56.3
EP145	6910014640	S.BEA MPZ2012S221A-T	T	190.6/56.3
EP146	6910014640	S.BEA MPZ2012S221A-T	T	192.5/56.3
EP204	6910014640	S.BEA MPZ2012S221A-T	T	40.8/66.0
EP206	6910014640	S.BEA MPZ2012S221A-T	T	38.8/66.0
EP208	6910014640	S.BEA MPZ2012S221A-T	T	35.8/66.0
EP213	6910014640	S.BEA MPZ2012S221A-T	T	43.8/13.7
EP214	6910014640	S.BEA MPZ2012S221A-T	T	45.6/13.7
EP215	6910014640	S.BEA MPZ2012S221A-T	T	47.3/13.7
EP216	6910014640	S.BEA MPZ2012S221A-T	T	49.1/13.7
EP217	6910014640	S.BEA MPZ2012S221A-T	T	50.9/13.7
EP218	6910014640	S.BEA MPZ2012S221A-T	T	52.7/13.7
EP219	6910014640	S.BEA MPZ2012S221A-T	T	56.1/12.4
EP251	6910014640	S.BEA MPZ2012S221A-T	T	186.8/10.8
EP254	6910014640	S.BEA MPZ2012S221A-T	T	188.8/10.8
EP256	6910014640	S.BEA MPZ2012S221A-T	T	190.8/10.8
EP258	6910014640	S.BEA MPZ2012S221A-T	T	192.8/10.8
EP260	6910014640	S.BEA MPZ2012S221A-T	T	194.6/10.8
EP262	6910014640	S.BEA MPZ2012S221A-T	T	196.4/10.8
EP2001	6910014640	S.BEA MPZ2012S221A-T	T	28.9/32.5
EP2002	6910014640	S.BEA MPZ2012S221A-T	T	26.9/59.1
EP3202	6910014690	S.BEA MPZ1608S221A-T	B	43.6/29.4
EP3203	6910014690	S.BEA MPZ1608S221A-T	B	44.6/37.7
EP3675	6910018460	S.BEA MMZ1005Y102C-T	T	92.2/51.0
EP4001	6910014690	S.BEA MPZ1608S221A-T	T	204.1/52.4
EP4002	6910014690	S.BEA MPZ1608S221A-T	T	202.9/49.7
EP4003	6910014730	S.BEA MPZ2012S331A-T	T	195.8/66.6
EP4004	6910017350	S.BEA MMZ1608S601A-T	T	222.8/63.9
EP4005	6910017350	S.BEA MMZ1608S601A-T	T	220.4/28.4
EP4006	6910015980	S.BEA MMZ1608S 181CT-AS	T	203.6/39.0
EP4007	6910017350	S.BEA MMZ1608S601A-T	T	219.2/28.4
EP4202	6910014690	S.BEA MPZ1608S221A-T	T	265.8/61.9

[MAIN UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
EP4461	6910014690	S.BEA MPZ1608S221A-T	T	154.1/33.1
EP4462	6910014690	S.BEA MPZ1608S221A-T	T	156.2/49.1
EP4601	6910014690	S.BEA MPZ1608S221A-T	B	188.7/72.6
EP4605	6910015980	S.BEA MMZ1608S 181CT-AS	B	193.8/73.0
EP4651	6910014690	S.BEA MPZ1608S221A-T	B	188.7/60.0
EP5001	6910014690	S.BEA MPZ1608S221A-T	B	198.8/44.6
EP5002	6910014690	S.BEA MPZ1608S221A-T	B	199.5/48.5
EP5003	6910014730	S.BEA MPZ2012S331A-T	T	194.9/68.3
EP5035	6910017350	S.BEA MMZ1608S601A-T	B	205.2/52.8
EP5201	6910014690	S.BEA MPZ1608S221A-T	B	257.5/50.2
EP5202	6910014690	S.BEA MPZ1608S221A-T	B	249.7/43.7
EP5451	6910014690	S.BEA MPZ1608S221A-T	B	188.4/51.8
EP5452	6910014690	S.BEA MPZ1608S221A-T	B	189.7/28.4
EP5453	6910014690	S.BEA MPZ1608S221A-T	B	188.7/39.3
EP5454	6910014690	S.BEA MPZ1608S221A-T	B	187.4/15.9
EP5455	6910015980	S.BEA MMZ1608S 181CT-AS	B	193.6/51.9
EP6001	6910014690	S.BEA MPZ1608S221A-T	B	121.7/19.8
EP6002	6910014690	S.BEA MPZ1608S221A-T	B	120.5/19.8
EP6003	6910018460	S.BEA MMZ1005Y102C-T	B	124.2/16.0
EP6004	6910018460	S.BEA MMZ1005Y102C-T	B	123.3/16.0
EP6005	6910018460	S.BEA MMZ1005Y102C-T	B	122.4/16.0
EP6006	6910018460	S.BEA MMZ1005Y102C-T	B	121.5/16.0
EP6007	6910018460	S.BEA MMZ1005Y102C-T	B	120.6/16.0
EP6008	6910018460	S.BEA MMZ1005Y102C-T	B	119.7/16.0
EP6009	6910018460	S.BEA MMZ1005Y102C-T	B	118.8/16.0
EP6010	6910018460	S.BEA MMZ1005Y102C-T	B	117.9/16.0
EP6011	6910018460	S.BEA MMZ1005Y102C-T	B	125.8/7.3
EP6017	6910018460	S.BEA MMZ1005Y102C-T	B	117.7/7.3
EP6018	6910018460	S.BEA MMZ1005Y102C-T	B	118.6/7.3
EP6019	6910018460	S.BEA MMZ1005Y102C-T	B	119.5/7.3
EP6020	6910018460	S.BEA MMZ1005Y102C-T	B	120.4/7.3
EP6021	6910018460	S.BEA MMZ1005Y102C-T	B	121.3/7.3
EP6022	6910018460	S.BEA MMZ1005Y102C-T	B	122.2/7.3
EP6023	6910018460	S.BEA MMZ1005Y102C-T	B	123.1/7.3
EP6024	6910018460	S.BEA MMZ1005Y102C-T	B	124.0/7.3
EP6025	6910018460	S.BEA MMZ1005Y102C-T	B	124.9/7.3
EP6030	6910014690	S.BEA MPZ1608S221A-T	T	155.6/66.9
EP6031	6910014690	S.BEA MPZ1608S221A-T	T	160.5/66.9
EP6032	6910014690	S.BEA MPZ1608S221A-T	T	163.5/66.9
EP6033	6910014690	S.BEA MPZ1608S221A-T	T	165.0/66.9
EP6034	6910014690	S.BEA MPZ1608S221A-T	T	166.5/66.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC21	1130011760	S.IC	CD4094BPWR	T	70.8/6.6
IC22	1130011760	S.IC	CD4094BPWR	T	79.5/6.6
IC151	1110004310	S.IC	M62352GP 75EC	T	88.5/6.9
IC201	1140013200	S.IC	CD4053BPWR	T	137.7/9.9
IC211	1140013200	S.IC	CD4053BPWR	T	120.8/20.7
IC221	1110003870	S.IC	NJM2058M-TE1-#ZZZB	B	137.0/12.8
IC251	1110006380	S.IC	LM2904PWR	T	138.1/3.3
IC281	1110005610	S.IC	NJM2058V-TE1-#ZZZB	T	107.1/24.8
IC301	1110006300	S.IC	NJM2172V-TE1-#ZZZB	T	151.7/8.2
IC341	1130013110	S.IC	KIC7W53FK-RTK/P	T	184.0/37.5
IC342	1130013110	S.IC	KIC7W53FK-RTK/P	T	185.4/41.3
IC351	1110007700	IC	LA4600-E		
IC401	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	41.9/7.2
IC501	1110006380	S.IC	LM2904PWR	T	53.0/25.1
IC502	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	62.2/26.7
IC541	1140013200	S.IC	CD4053BPWR	T	72.3/26.6
IC551	1190002240	S.IC	PCM2901E/2K	T	81.2/25.5
IC571	1130013010	S.IC	SN74AHC1G08DCK3	T	93.0/27.3
IC611	1130005721	S.IC	TC7W04F(TE12LF)	B	119.9/50.6
IC701	1180003480	S.REG	NJU7772F33-TE1-#ZZZB	T	93.2/20.7
IC811	1180003480	S.REG	NJU7772F33-TE1-#ZZZB	T	12.7/23.5
IC821	1120003020	S.IC	MAX3221IPWR	T	12.0/34.4
IC901	1190002730	S.IC	CP2102-GMR <MAC>	T	54.4/42.8
IC902	1190002911	S.IC	TUSB2046BIVFRG4	T	142.0/35.0
IC903	1190002730	S.IC	CP2102-GMR <MAC>	T	7.0/21.4
IC1011	1180001072	S.IC	TA7805F(TE16L1NQ)	B	13.8/8.0
IC1101	1180001541	S.IC	TA78L08F(TE12LF)	B	94.6/34.4
IC1211	1140013200	S.IC	CD4053BPWR	T	21.3/34.7
Q21	1590003680	S.TRA	KRC402 RTK/P	T	65.6/13.1
Q22	1590003770	S.TRA	KRA302E-RTK/P	T	65.9/15.7
Q23	1590003680	S.TRA	KRC402 RTK/P	T	63.1/13.1
Q24	1590003770	S.TRA	KRA302E-RTK/P	T	62.7/15.7
Q25	1590003680	S.TRA	KRC402 RTK/P	T	68.2/13.1
Q26	1590003770	S.TRA	KRA302E-RTK/P	T	69.1/16.0
Q29	1590003680	S.TRA	KRC402 RTK/P	T	70.8/13.1
Q30	1590003770	S.TRA	KRA302E-RTK/P	T	72.5/15.7
Q101	1590004030	S.TRA	KRX204U-RTK/P	T	154.2/46.4
Q102	1590004030	S.TRA	KRX204U-RTK/P	T	166.1/44.4
Q151	1540000451	S.TRA	2SD1623T-TD-E	T	29.1/4.6
Q221	1590001451	S.FET	2SJ144-GR (TE85RF)	T	124.1/5.2
Q231	1590001451	S.FET	2SJ144-GR (TE85RF)	T	125.6/10.7
Q321	1560001330	S.FET	RSR025N03	T	162.4/29.6
Q331	1560001330	S.FET	RSR025N03	B	169.9/39.0
Q343	1530003900	S.TRA	KTC4075 BL-RTK/P	T	169.8/34.7
Q344	1530003900	S.TRA	KTC4075 BL-RTK/P	T	176.2/30.4
Q351	1590003680	S.TRA	KRC402 RTK/P	T	186.2/21.7
Q352	1540000471	S.TRA	2SD1801S-TL-E	B	166.4/7.2
Q353	1590003680	S.TRA	KRC402 RTK/P	T	186.2/24.2
Q361	1590003680	S.TRA	KRC402 RTK/P	T	158.0/20.7
Q371	1590003680	S.TRA	KRC402 RTK/P	T	172.0/22.6
Q372	1590003680	S.TRA	KRC402 RTK/P	T	141.3/27.9
Q501	1590001451	S.FET	2SJ144-GR (TE85RF)	T	53.7/34.9
Q521	1590001451	S.FET	2SJ144-GR (TE85RF)	T	58.3/15.9
Q541	1590003680	S.TRA	KRC402 RTK/P	T	73.6/21.4
Q611	1590001650	S.TRA	XP4601(TX)	T	123.3/48.5
Q651	1590003680	S.TRA	KRC402 RTK/P	T	89.9/30.0
Q821	1590003680	S.TRA	KRC402 RTK/P	B	7.8/29.5
Q822	1590003770	S.TRA	KRA302E-RTK/P	T	9.1/29.3
Q901	1590003680	S.TRA	KRC402 RTK/P	T	50.6/38.6
Q902	1590003680	S.TRA	KRC402 RTK/P	T	5.5/16.7
Q903	1590003680	S.TRA	KRC402 RTK/P	T	9.3/16.7
Q1101	1530003900	S.TRA	KTC4075 BL-RTK/P	T	100.9/35.1
Q1106	1530003900	S.TRA	KTC4075 BL-RTK/P	T	100.9/41.2
Q1111	1590003680	S.TRA	KRC402 RTK/P	T	97.0/41.9
Q1201	1590003680	S.TRA	KRC402 RTK/P	T	30.7/37.0
Q1401	1590003680	S.TRA	KRC402 RTK/P	T	72.7/32.8
Q1411	1590003770	S.TRA	KRA302E-RTK/P	T	105.7/33.1
Q1412	1540000441	S.TRA	2SD1619T-TD-E	T	125.8/27.0
Q1421	1530003900	S.TRA	KTC4075 BL-RTK/P	T	110.7/32.9
Q1431	1590003680	S.TRA	KRC402 RTK/P	T	123.5/44.7
D101	1750001180	S.DIO	KDS122 RTK/P	T	154.4/43.9
D103	1750001180	S.DIO	KDS122 RTK/P	B	166.5/41.2
D251	1750001320	S.DIO	KDS4148U RTK/P	T	145.7/2.9
D261	1750001320	S.DIO	KDS4148U RTK/P	T	130.5/3.7
D361	1750001320	S.DIO	KDS4148U RTK/P	T	158.6/23.5
D371	1750001320	S.DIO	KDS4148U RTK/P	T	172.3/25.7
D372	1750001320	S.DIO	KDS4148U RTK/P	T	144.8/27.7
D501	1750001320	S.DIO	KDS4148U RTK/P	T	56.7/29.1
D502	1730002830	S.ZEN	DZ2J051M0L	T	59.3/31.5
D521	1750001320	S.DIO	KDS4148U RTK/P	T	54.5/19.1
D611	1750001320	S.DIO	KDS4148U RTK/P	B	125.5/47.4
D821	1750001710	S.DIO	RB751V-40 TE-17	T	5.2/27.1
D901	1750001180	S.DIO	KDS122 RTK/P	B	148.6/38.9
D902	1750001180	S.DIO	KDS122 RTK/P	T	148.0/39.9
D1101	1750001320	S.DIO	KDS4148U RTK/P	T	97.3/38.0
D1106	1750001320	S.DIO	KDS4148U RTK/P	B	103.9/43.1
D1201	1750001320	S.DIO	KDS4148U RTK/P	B	16.6/36.7
D1401	1750001320	S.DIO	KDS4148U RTK/P	B	75.7/39.8
D1421	1750001320	S.DIO	KDS4148U RTK/P	T	117.5/33.9
D1431	1750001320	S.DIO	KDS4148U RTK/P	B	123.8/43.8
D1432	1750001320	S.DIO	KDS4148U RTK/P	B	118.0/31.9
D1433	1750001320	S.DIO	KDS4148U RTK/P	T	116.4/30.0
X551	6050012770	S.XTA	CR-870 DSX321G 12 MHz<KDS>	T	81.9/33.7
X901	6050012970	S.XTA	CR-890 TSS-2 6 MHz	T	152.8/37.5
L101	6200009300	S.COI	ELJPA 100KF 10U	B	144.65/27.65
L304	6200002041	S.COI	NLV25T-101J	B	153.0/12.2
L351	6170000140	COI	LW-15		

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L1102	6200002041	S.COI	NLV25T-101J	B	100.8/39.0
L1103	6200002041	S.COI	NLV25T-101J	B	109.3/32.9
L1106	6200002041	S.COI	NLV25T-101J	B	114.3/45.2
L1107	6200002041	S.COI	NLV25T-101J	B	118.5/43.2
L1109	6200002041	S.COI	NLV25T-101J	B	110.4/46.1
L1201	6200002041	S.COI	NLV25T-101J	B	17.7/39.7
L1202	6200002041	S.COI	NLV25T-101J	B	21.0/40.4
L1203	6200002041	S.COI	NLV25T-101J	B	29.4/39.7
L1301	6200003261	S.COI	NLV32T-101J	B	48.7/32.0
L1401	6200002041	S.COI	NLV25T-101J	B	82.1/44.3
R1	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	93.7/24.2
R21	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	74.4/11.3
R22	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	81.3/11.3
R23	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	64.3/15.8
R24	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	61.1/15.8
R25	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	67.5/15.8
R26	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	70.9/15.8
R31	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	79.7/2.7
R100	7030003860	S.RES	ERJ3GE JPW V	B	156.5/34.2
R102	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	155.9/43.0
R103	7030003380	S.RES	ERJ3GEYJ 331 V (330)	B	165.0/49.1
R104	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	154.2/41.2
R105	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	177.0/40.0
R106	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	177.8/41.6
R107	7030003380	S.RES	ERJ3GEYJ 331 V (330)	B	186.1/48.3
R151	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	32.2/5.6
R201	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	B	125.2/15.1
R202	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	125.4/16.9
R203	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	131.6/7.5
R204	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	143.0/10.8
R205	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	144.0/13.1
R206	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	143.2/8.4
R208	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	139.7/6.5
R210	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	123.7/19.8
R211	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	126.4/21.4
R212	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	126.4/23.8
R213	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	122.9/15.4
R214	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	B	123.6/15.1
R215	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	T	126.6/17.7
R220	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	126.0/10.7
R221	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	131.9/7.2
R222	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	131.9/10.0
R223	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	126.0/12.3
R224	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	126.5/6.1
R225	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	126.5/4.9
R226	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	122.2/5.3
R227	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	122.2/7.9
R229	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	126.4/3.1
R231	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	132.9/9.6
R232	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	131.9/15.6
R233	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	123.6/12.3
R234	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	126.5/12.7
R235	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	127.5/10.9
R236	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	123.7/9.2
R237	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	123.7/11.8
R239	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	127.9/8.7
R241	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	130.6/10.3
R242	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	144.9/13.2
R251	7030003780	S.RES	ERJ3GEYJ 684 V (680K)	T	144.1/2.6
R252	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	142.9/2.6
R253	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	143.3/4.5
R254	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	138.8/4.8
R261	7030003780	S.RES	ERJ3GEYJ 684 V (680K)	T	132.1/3.4
R262	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	133.3/3.4
R263	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	134.1/5.3
R264	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	135.3/4.1
R271	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	131.7/1.3
R281	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	105.8/21.0
R282	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	108.5/21.0
R283	7030003740	S.RES	ERJ3GEYJ 334 V (330K)	T	110.0/17.4
R284	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	111.2/20.1
R285	7030003740	S.RES	ERJ3GEYJ 334 V (330K)	T	110.0/20.1
R286	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	113.4/28.8
R287	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	112.7/26.9
R288	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	114.6/27.1
R291	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	100.0/20.1
R292	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	101.2/22.5
R293	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	102.4/23.6
R301	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	B	155.6/18.8
R302	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	160.3/31.2
R303	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	151.6/2.9
R304	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	154.8/1.7
R305	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	154.8/2.9
R306	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	150.2/4.8
R307	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	149.8/1.7
R308	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	149.7/3.6
R309	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	B	157.4/18.8
R310	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	166.1/29.2
R311	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	154.3/7.8
R312	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	150.8/7.9
R313	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	154.2/6.0
R314	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	147.3/6.8
R321	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	158.9/29.9
R322	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	164.7/29.3
R331	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	166.1/36.3
R332	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	169.3/39.7
R333	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	187.5/39.7
R334	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	184.9/39.9
R335	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	186.7/33.8
R336	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	183.4/33.8
R340	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	187.8/43.7
R341	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	175.4/29.1
R342	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	177.8/34.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R343	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	176.0/36.6
R344	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	172.7/28.5
R345	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	167.1/33.7
R346	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	167.4/35.8
R347	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	169.3/36.6
R348	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	178.2/30.5
R349	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	177.9/28.5
R350	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	175.3/28.5
R351	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	168.5/34.4
R352	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	185.1/28.3
R353	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	186.7/23.3
R356	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	185.1/27.3
R359	7030003280	S.RES	ERJ3GEYJ 470 V (47)	B	171.3/11.6
R360	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	168.7/28.5
R370	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	183.3/29.0
R371	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	170.9/28.9
R400	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	48.1/5.8
R401	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	46.8/7.1
R402	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	42.9/3.6
R403	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	48.1/8.4
R404	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	138.2/6.4
R405	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	B	142.1/9.3
R408	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	146.8/10.4
R409	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	150.8/15.3
R410	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	146.9/13.2
R412	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	145.3/16.4
R413	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	150.0/18.6
R414	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	152.6/19.7
R415	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	B	142.1/16.6
R417	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	138.2/19.0
R418	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	46.8/9.9
R419	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	36.3/5.3
R421	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	B	42.1/6.6
R422	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	B	42.1/4.5
R423	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	40.8/10.7
R424	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	37.0/8.4
R425	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	35.7/8.4
R501	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	50.1/35.0
R502	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	51.6/35.0
R504	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	55.7/33.2
R505	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	T	55.1/28.8
R506	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	53.2/30.1
R507	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	51.9/25.5
R508	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	51.1/28.8
R509	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	56.4/37.0
R510	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	56.4/35.8
R511	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	63.5/33.9
R512	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	63.5/31.5
R513	7030003450	S.RES	ERJ3GEYJ 122 V (1.2K)	T	66.3/30.7
R514	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	56.9/22.9
R515	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	66.4/23.3
R516	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	68.5/31.5
R517	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	58.8/29.1
R521	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	55.4/13.8
R522	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	56.2/15.7
R524	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	59.2/18.4
R525	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	T	54.2/20.7
R526	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	52.3/19.9
R527	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	51.4/22.6
R528	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	51.1/21.4
R529	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	58.8/22.8
R530	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	59.6/21.0
R531	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	61.6/19.0
R532	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	62.3/22.1
R533	7030003450	S.RES	ERJ3GEYJ 122 V (1.2K)	T	65.0/22.1
R534	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	66.5/20.9
R541	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	67.1/28.8
R542	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	74.7/18.3
R543	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	72.8/18.8
R544	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	72.2/28.0
R545	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	68.0/26.7
R546	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	67.6/23.0
R551	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	89.9/33.1
R561	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	81.5/30.9
R562	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	B	84.5/31.8
R611	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	123.3/51.7
R612	7030003860	S.RES	ERJ3GE JPW V	T	134.3/47.1
R613	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	123.9/49.7
R614	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	101.6/52.9
R615	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	98.6/52.9
R616	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	123.3/50.4
R617	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	122.7/47.3
R618	7030003860	S.RES	ERJ3GE JPW V	T	134.3/44.0
R651	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	92.1/30.9
R681	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	90.8/27.6
R702	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	91.1/16.4
R703	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	89.8/23.5
R750	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	101.6/17.9
R811	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	15.7/25.8
R813	7030003200	S.RES	ERJ3GEYJ 100 V (10)	B	18.3/21.8
R821	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	8.6/34.4
R822	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	12.9/28.5
R823	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	9.8/39.8
R831	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	10.8/29.3
R832	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	5.5/25.6
R901	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	146.9/36.5
R902	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	52.1/38.0
R903	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	54.4/38.7
R904	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	149.4/34.8
R905	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	149.9/34.9
R906	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	144.9/38.6
R907	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	139.8/36.3
R908	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	139.5/41.0
R910	7030003250	S.RES	ERJ3GEYJ 270 V (27)	B	141.5/33.0
R911	7030003250	S.RES	ERJ3GEYJ 270 V (27)	B	138.8/38.6

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R912	7030003250	S.RES	ERJ3GEYJ 270 V (27)	B	137.4/41.9
R913	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	131.8/29.8
R914	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	135.4/28.6
R915	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	132.6/27.9
R916	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	134.2/27.1
R918	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	141.4/34.6
R920	7030003250	S.RES	ERJ3GEYJ 270 V (27)	B	139.1/30.2
R921	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	141.5/31.3
R923	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	5.6/19.5
R924	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	11.2/16.5
R925	7030003860	S.RES	ERJ3GE JPW V	T	53.0/47.8
R931	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	48.6/38.7
R932	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	2.8/16.2
R1001	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	115.4/6.0
R1002	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	115.4/13.5
R1003	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	112.7/13.5
R1004	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	111.8/6.0
R1005	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	111.5/13.5
R1006	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	109.4/6.0
R1007	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	109.1/13.5
R1008	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	108.2/6.0
R1009	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	107.9/13.5
R1010	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	107.0/6.0
R1011	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	105.8/6.0
R1012	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	104.6/6.0
R1013	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	105.5/13.5
R1014	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	104.3/13.5
R1016	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	103.1/13.5
R1017	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	102.2/6.0
R1018	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	101.9/13.5
R1019	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	101.0/6.0
R1020	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	100.7/13.5
R1021	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	99.8/6.0
R1022	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	99.5/13.5
R1023	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	106.7/13.5
R1024	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	110.6/6.0
R1025	7030003860	S.RES	ERJ3GE JPW V	T	110.3/13.5
R1029	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	33.2/14.4
R1030	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	37.1/14.4
R1031	7030010410	S.RES	ERJ1TYJ 220U (22)	B	23.0/6.8
R1032	7030010410	S.RES	ERJ1TYJ 220U (22)	B	22.2/2.6
R1101	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	101.0/37.0
R1102	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	98.9/37.7
R1106	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	B	100.1/44.3
R1107	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	100.8/41.5
R1108	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	100.4/31.9
R1109	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	103.1/45.1
R1111	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	106.6/45.1
R1201	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	T	28.8/36.9
R1202	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	20.0/30.9
R1203	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	18.2/34.1
R1204	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	17.4/31.8
R1211	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	25.9/32.0
R1212	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	26.7/34.6
R1213	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	27.2/36.9
R1401	7030003200	S.RES	ERJ3GEYJ 100 V (10)	B	79.9/39.8
R1411	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	103.3/33.2
R1412	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	123.3/29.7
R1421	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	114.5/33.8
R1422	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	112.6/33.1
R1423	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	107.6/32.8
R1424	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	117.2/32.4
R1432	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	115.3/31.9
R1433	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	120.6/34.0
C21	4030011600	S.CER	C1608 JB 1E 104K-T	T	72.7/10.1
C22	4030011600	S.CER	C1608 JB 1E 104K-T	T	81.3/10.1
C101	4030019560	S.CER	GRM21BB31C106KE15L	B	153.4/43.6
C102	4030019560	S.CER	GRM21BB31C106KE15L	B	177.6/44.3
C103	4510007340	ELE	16 ME 470 AX		
C104	4510007340	ELE	16 ME 470 AX		
C105	4030011600	S.CER	C1608 JB 1E 104K-T	T	154.4/48.3
C106	4030011600	S.CER	C1608 JB 1E 104K-T	T	168.0/42.9
C107	4030019560	S.CER	GRM21BB31C106KE15L	T	151.8/44.2
C108	4030019560	S.CER	GRM21BB31C106KE15L	B	154.2/37.9
C151	4030011600	S.CER	C1608 JB 1E 104K-T	T	90.7/11.1
C152	4030006880	S.CER	C1608 JB 1H 472K-T	T	32.2/2.8
C153	4030011600	S.CER	C1608 JB 1E 104K-T	T	14.7/3.5
C154	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.0/3.5
C155	4510009250	S.ELE	EEEFK1C471P	T	21.8/5.8
C203	4030011600	S.CER	C1608 JB 1E 104K-T	T	141.3/13.1
C204	4030011600	S.CER	C1608 JB 1E 104K-T	T	137.3/13.4
C211	4030011600	S.CER	C1608 JB 1E 104K-T	T	126.4/22.6
C212	4030011600	S.CER	C1608 JB 1E 104K-T	T	119.9/17.0
C213	4030011600	S.CER	C1608 JB 1E 104K-T	B	123.7/17.9
C214	4030011600	S.CER	C1608 JB 1E 104K-T	T	104.0/20.9
C215	4030011600	S.CER	C1608 JB 1E 104K-T	T	111.5/17.4
C221	4030006860	S.CER	C1608 JB 1H 102K-T	B	130.1/8.0
C222	4030019560	S.CER	GRM21BB31C106KE15L	B	129.3/10.7
C223	4030019560	S.CER	GRM21BB31C106KE15L	T	122.1/10.9
C224	4030011600	S.CER	C1608 JB 1E 104K-T	T	124.5/2.4
C231	4030006860	S.CER	C1608 JB 1H 102K-T	B	130.3/15.6
C232	4030019560	S.CER	GRM21BB31C106KE15L	B	127.8/17.5
C233	4030019560	S.CER	GRM21BB31C106KE15L	T	122.9/13.9
C234	4030011600	S.CER	C1608 JB 1E 104K-T	T	126.1/8.0
C241	4030019560	S.CER	GRM21BB31C106KE15L	T	130.6/12.7
C242	4030019560	S.CER	GRM21BB31C106KE15L	B	142.3/12.9
C271	4030011600	S.CER	C1608 JB 1E 104K-T	T	134.4/1.3
C281	4030019560	S.CER	GRM21BB31C106KE15L	T	104.9/28.5
C282	4030019560	S.CER	GRM21BB31C106KE15L	T	109.3/28.5
C283	4030006860	S.CER	C1608 JB 1H 102K-T	T	108.8/17.4
C284	4030007120	S.CER	C1608 CH 1H 820J-T	T	110.8/21.9
C285	4030006850	S.CER	C1608 JB 1H 471K-T	T	111.5/26.9
C291	4030006860	S.CER	C1608 JB 1H 102K-T	T	100.0/22.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C292	4030006880	S.CER	C1608 JB 1H 472K-T	T	102.4/21.0
C293	4030007080	S.CER	C1608 CH 1H 390J-T	T	102.0/26.2
C301	4550000460	S.TAN	TEESVA 1C 105M8R	B	155.3/14.5
C302	4030018910	S.CER	C1608 JB 0J 475K-T	T	152.9/2.9
C303	4030018910	S.CER	C1608 JB 0J 475K-T	T	152.8/4.8
C304	4030019560	S.CER	GRM21BB31C106KE15L	T	156.4/11.1
C305	4030019560	S.CER	GRM21BB31C106KE15L	T	145.4/9.5
C306	4550000460	S.TAN	TEESVA 1C 105M8R	B	157.4/14.5
C307	4030019560	S.CER	GRM21BB31C106KE15L	T	147.1/10.6
C308	4550007480	S.TAN	F930J106MAABMA	B	150.0/3.7
C309	4550007480	S.TAN	F930J106MAABMA	B	146.1/6.0
C321	4030011600	S.CER	C1608 JB 1E 104K-T	T	160.1/30.7
C322	4030008950	S.CER	C2012 JB 1C 823K-T	B	163.2/31.6
C331	4030011600	S.CER	C1608 JB 1E 104K-T	B	166.9/38.7
C332	4030008950	S.CER	C2012 JB 1C 823K-T	T	168.1/38.2
C333	4030011600	S.CER	C1608 JB 1E 104K-T	B	187.5/36.4
C334	4030011600	S.CER	C1608 JB 1E 104K-T	B	184.9/35.6
C340	4550000460	S.TAN	TEESVA 1C 105M8R	T	189.5/42.7
C341	4550000460	S.TAN	TEESVA 1C 105M8R	B	179.7/28.9
C342	4550000460	S.TAN	TEESVA 1C 105M8R	B	177.1/31.8
C343	4030011600	S.CER	C1608 JB 1E 104K-T	T	183.4/35.6
C344	4030006900	S.CER	C1608 JB 1H 103K-T	T	186.7/38.0
C345	4030006900	S.CER	C1608 JB 1H 103K-T	T	186.7/35.3
C346	4550000460	S.TAN	TEESVA 1C 105M8R	B	163.2/34.1
C347	4030011600	S.CER	C1608 JB 1E 104K-T	T	174.2/30.4
C348	4550000460	S.TAN	TEESVA 1C 105M8R	B	169.9/30.7
C349	4030011600	S.CER	C1608 JB 1E 104K-T	T	168.9/32.1
C350	4030011600	S.CER	C1608 JB 1E 104K-T	T	184.3/39.4
C351	4550000460	S.TAN	TEESVA 1C 105M8R	B	173.0/34.4
C352	4510005000	ELE	16 ME 220 HC		
C353	4030019560	S.CER	GRM21BB31C106KE15L	T	186.7/27.0
C354	4510004601	ELE	16 ME 1000 HC		
C356	4510009390	ELE	16 ME 2200 CZ		
C357	4510004601	ELE	16 ME 1000 HC		
C359	4510008500	S.ELE	EEE1CA101WP	T	173.3/17.0
C360	4030019560	S.CER	GRM21BB31C106KE15L	T	186.7/30.4
C361	4030006900	S.CER	C1608 JB 1H 103K-T	T	157.1/23.4
C362	4030006900	S.CER	C1608 JB 1H 103K-T	B	163.2/28.5
C363	4030019560	S.CER	GRM21BB31C106KE15L	T	172.7/30.7
C364	4030019560	S.CER	GRM21BB31C106KE15L	T	79.8/67.8
C365	4030019560	S.CER	GRM21BB31C106KE15L	B	88.1/31.6
C366	4030019560	S.CER	GRM21BB31C106KE15L	T	93.8/6.2
C371	4030006900	S.CER	C1608 JB 1H 103K-T	B	46.3/19.9
C372	4030006900	S.CER	C1608 JB 1H 103K-T	B	101.0/122.0
C373	4030006900	S.CER	C1608 JB 1H 103K-T	T	43.9/100.5
C374	4030006900	S.CER	C1608 JB 1H 103K-T	T	43.9/101.8
C401	4030019560	S.CER	GRM21BB31C106KE15L	B	62.6/135.9
C402	4030019560	S.CER	GRM21BB31C106KE15L	T	56.5/60.3
C403	4030011600	S.CER	C1608 JB 1E 104K-T	B	58.8/128.9
C406	4030019120	S.CER	GRM188B31E105KA75D	B	141.35/6.7
C413	4030011600	S.CER	C1608 JB 1E 104K-T	B	146.1/19.4
C416	4030019120	S.CER	GRM188B31E105KA75D	B	141.4/19.0
C501	4030019560	S.CER	GRM21BB31C106KE15L	T	50.1/32.1
C502	4030011600	S.CER	C1608 JB 1E 104K-T	T	52.9/32.9
C503	4030019560	S.CER	GRM21BB31C106KE15L	T	65.8/32.9
C504	4030007150	S.CER	C1608 CH 1H 151J-T	T	63.5/32.7
C505	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.6/22.9
C509	4030011600	S.CER	C1608 JB 1E 104K-T	T	65.6/25.3
C510	4030011600	S.CER	C1608 JB 1E 104K-T	T	59.5/33.1
C521	4030019560	S.CER	GRM21BB31C106KE15L	T	53.7/16.0
C522	4030011600	S.CER	C1608 JB 1E 104K-T	T	58.4/12.8
C523	4030019560	S.CER	GRM21BB31C106KE15L	T	63.9/18.9
C524	4030007150	S.CER	C1608 CH 1H 151J-T	T	62.3/20.9
C541	4030011600	S.CER	C1608 JB 1E 104K-T	T	74.7/19.5
C542	4030011600	S.CER	C1608 JB 1E 104K-T	T	68.5/28.8
C543	4550000460	S.TAN	TEESVA 1C 105M8R	B	71.8/25.9
C544	4550000460	S.TAN	TEESVA 1C 105M8R	B	72.3/23.4
C551	4030011600	S.CER	C1608 JB 1E 104K-T	T	84.4/18.5
C552	4030019560	S.CER	GRM21BB31C106KE15L	T	83.5/20.2
C553	4030019560	S.CER	GRM21BB31C106KE15L	T	87.5/26.6
C554	4030011600	S.CER	C1608 JB 1E 104K-T	T	78.9/18.6
C555	4030019560	S.CER	GRM21BB31C106KE15L	T	79.2/20.1
C556	4030011600	S.CER	C1608 JB 1E 104K-T	T	78.8/30.9
C557	4030019560	S.CER	GRM21BB31C106KE15L	T	77.1/32.8
C558	4030019560	S.CER	GRM21BB31C106KE15L	T	86.7/32.4
C559	4030019560	S.CER	GRM21BB31C106KE15L	T	84.7/32.4
C561	4030007060	S.CER	C1608 CH 1H 270J-T	T	81.4/31.0
C562	4030007060	S.CER	C1608 CH 1H 270J-T	T	79.3/32.8
C571	4030011600	S.CER	C1608 JB 1E 104K-T	T	92.7/25.4
C611	4030011600	S.CER	C1608 JB 1E 104K-T	B	115.1/53.3
C615	4030007010	S.CER	C1608 CH 1H 100D-T	B	133.4/45.2
C651	4030019120	S.CER	GRM188B31E105KA75D	T	89.9/31.9
C701	4030019560	S.CER	GRM21BB31C106KE15L	T	90.6/21.3
C702	4030019120	S.CER	GRM188B31E105KA75D	T	93.7/23.0
C703	4030019560	S.CER	GRM21BB31C106KE15L	T	88.9/21.3
C751	4030006880	S.CER	C1608 JB 1H 472K-T	T	138.2/40.3
C752	4030007090	S.CER	C1608 CH 1H 470J-T	B	142.9/40.3
C753	4030007090	S.CER	C1608 CH 1H 470J-T	B	147.7/44.6
C754	4030007090	S.CER	C1608 CH 1H 470J-T	B	148.0/42.2
C811	4030019560	S.CER	GRM21BB31C106KE15L	T	14.7/19.2
C812	4030019120	S.CER	GRM188B31E105KA75D	T	11.8/20.7
C813	4030019560	S.CER	GRM21BB31C106KE15L	T	14.7/20.9
C821	4030011600	S.CER	C1608 JB 1E 104K-T	B	12.4/34.8
C822	4030011600	S.CER	C1608 JB 1E 104K-T	T	13.0/39.8
C823	4030011600	S.CER	C1608 JB 1E 104K-T	B	11.7/36.8
C824	4030011600	S.CER	C1608 JB 1E 104K-T	T	11.1/39.8
C825	4030007050	S.CER	C1608 CH 1H 220J-T	B	10.6/40.8
C826	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/29.8
C827	4030007050	S.CER	C1608 CH 1H 220J-T	B	3.2/48.3
C901	4030019560	S.CER	GRM21BB31C106KE15L	T	49.7/42.9
C902	4030011600	S.CER	C1608 JB 1E 104K-T	T	142.5/40.8
C903	4030019120	S.CER	GRM188B31E105KA75D	B	50.2/39.6
C904	4030019120	S.CER	GRM188B31E105KA75D	T	52.5/38.7
C905	4030011600	S.CER	C1608 JB 1E 104K-T	T	49.5/40.7
C906	4030007060	S.CER	C1608 CH 1H 270J-T	T	148.1/36.2

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C907	4030007060	S.CER	C1608 CH 1H 270J-T	T	148.7/38.0
C908	4030011600	S.CER	C1608 JB 1E 104K-T	B	143.2/36.8
C909	4030007050	S.CER	C1608 CH 1H 220J-T	B	141.1/38.7
C910	4030007050	S.CER	C1608 CH 1H 220J-T	B	139.5/42.6
C911	4030011600	S.CER	C1608 JB 1E 104K-T	T	147.9/33.0
C912	4030007050	S.CER	C1608 CH 1H 220J-T	T	134.0/30.6
C913	4030007050	S.CER	C1608 CH 1H 220J-T	B	144.6/32.8
C915	4030007050	S.CER	C1608 CH 1H 220J-T	T	135.4/31.2
C916	4030019560	S.CER	GRM21BB31C106KE15L	T	2.6/18.4
C917	4030019120	S.CER	GRM188B31E105KA75D	T	2.6/21.4
C918	4030019120	S.CER	GRM188B31E105KA75D	T	7.4/16.5
C922	4030007050	S.CER	C1608 CH 1H 220J-T	B	141.6/29.4
C923	4030011600	S.CER	C1608 JB 1E 104K-T	B	2.5/19.0
C924	4030019560	S.CER	GRM21BB31C106KE15L	B	145.1/34.8
C1001	4030011600	S.CER	C1608 JB 1E 104K-T	B	119.1/6.6
C1002	4030011600	S.CER	C1608 JB 1E 104K-T	B	116.1/7.3
C1003	4030006880	S.CER	C1608 JB 1H 472K-T	B	114.3/6.5
C1004	4030006880	S.CER	C1608 JB 1H 472K-T	B	116.6/10.5
C1008	4030006880	S.CER	C1608 JB 1H 472K-T	B	114.8/12.4
C1009	4030006880	S.CER	C1608 JB 1H 472K-T	B	112.5/7.7
C1010	4030006880	S.CER	C1608 JB 1H 472K-T	B	113.2/11.6
C1013	4030006880	S.CER	C1608 JB 1H 472K-T	B	109.3/7.7
C1014	4030006880	S.CER	C1608 JB 1H 472K-T	B	110.0/11.6
C1015	4030006880	S.CER	C1608 JB 1H 472K-T	B	107.7/6.6
C1016	4030006880	S.CER	C1608 JB 1H 472K-T	B	108.4/12.4
C1017	4030006880	S.CER	C1608 JB 1H 472K-T	B	106.1/7.7
C1018	4030006880	S.CER	C1608 JB 1H 472K-T	B	106.8/11.6
C1019	4030006880	S.CER	C1608 JB 1H 472K-T	B	104.5/6.6
C1020	4030006880	S.CER	C1608 JB 1H 472K-T	B	105.2/12.4
C1021	4030006880	S.CER	C1608 JB 1H 472K-T	B	102.9/7.7
C1022	4030006880	S.CER	C1608 JB 1H 472K-T	B	103.6/11.6
C1023	4030006880	S.CER	C1608 JB 1H 472K-T	B	101.3/6.6
C1024	4030007090	S.CER	C1608 CH 1H 470J-T	B	100.4/11.6
C1025	4030007090	S.CER	C1608 CH 1H 470J-T	B	99.7/7.7
C1026	4030006880	S.CER	C1608 JB 1H 472K-T	B	101.9/12.4
C1027	4030007090	S.CER	C1608 CH 1H 470J-T	B	98.1/6.6
C1028	4030007090	S.CER	C1608 CH 1H 470J-T	B	98.8/12.4
C1029	4030006880	S.CER	C1608 JB 1H 472K-T	B	96.5/7.7
C1030	4030006880	S.CER	C1608 JB 1H 472K-T	B	97.2/11.6
C1031	4030007090	S.CER	C1608 CH 1H 470J-T	B	94.7/6.6
C1032	4030007090	S.CER	C1608 CH 1H 470J-T	B	95.6/10.5
C1033	4030007090	S.CER	C1608 CH 1H 470J-T	B	93.1/5.8
C1034	4030007090	S.CER	C1608 CH 1H 470J-T	T	96.9/13.4
C1039	4030011600	S.CER	C1608 JB 1E 104K-T	T	141.9/25.5
C1040	4030011600	S.CER	C1608 JB 1E 104K-T	T	135.5/24.0
C1041	4030006880	S.CER	C1608 JB 1H 472K-T	T	152.0/24.1
C1042	4030006880	S.CER	C1608 JB 1H 472K-T	T	145.1/24.1
C1043	4030006880	S.CER	C1608 JB 1H 472K-T	B	152.6/17.9
C1044	4030006880	S.CER	C1608 JB 1H 472K-T	B	149.0/15.3
C1045	4030006880	S.CER	C1608 JB 1H 472K-T	T	132.9/24.0
C1046	4030011600	S.CER	C1608 JB 1E 104K-T	T	23.1/25.1
C1047	4030006880	S.CER	C1608 JB 1H 472K-T	T	29.3/16.5
C1048	4030006880	S.CER	C1608 JB 1H 472K-T	T	145.1/25.4
C1049	4030006880	S.CER	C1608 JB 1H 472K-T	T	31.9/16.5
C1050	4030006880	S.CER	C1608 JB 1H 472K-T	T	149.1/23.6
C1051	4030006880	S.CER	C1608 JB 1H 472K-T	T	35.3/16.5
C1052	4030019560	S.CER	GRM21BB31C106KE15L	T	11.0/13.3
C1053	4030006880	S.CER	C1608 JB 1H 472K-T	T	37.9/16.5
C1054	4030011600	S.CER	C1608 JB 1E 104K-T	B	9.7/4.7
C1055	4030011600	S.CER	C1608 JB 1E 104K-T	B	18.1/10.0
C1056	4510008800	S.ELE	EEE1EA100SR	T	16.4/13.2
C1101	4030006900	S.CER	C1608 JB 1H 103K-T	B	100.9/36.6
C1102	4030006900	S.CER	C1608 JB 1H 103K-T	B	118.7/35.5
C1103	4030006900	S.CER	C1608 JB 1H 103K-T	B	98.0/39.7
C1104	4030019560	S.CER	GRM21BB31C106KE15L	B	99.9/33.9
C1105	4030006900	S.CER	C1608 JB 1H 103K-T	B	106.9/32.2
C1106	4030006900	S.CER	C1608 JB 1H 103K-T	T	113.4/31.2
C1107	4030006880	S.CER	C1608 JB 1H 472K-T	B	121.1/37.9
C1108	4030019560	S.CER	GRM21BB31C106KE15L	B	89.4/33.3
C1109	4030006860	S.CER	C1608 JB 1H 102K-T	B	106.8/42.3
C1110	4030006900	S.CER	C1608 JB 1H 103K-T	T	99.0/41.0
C1111	4030006900	S.CER	C1608 JB 1H 103K-T	B	113.8/47.9
C1112	4030006900	S.CER	C1608 JB 1H 103K-T	B	118.8/45.2
C1113	4030006900	S.CER	C1608 JB 1H 103K-T	B	107.3/47.5
C1114	4030011600	S.CER	C1608 JB 1E 104K-T	T	101.0/38.5
C1115	4030019090	S.CER	C2012 JB 1C 225M-T	B	117.7/47.0
C1116	4030019090	S.CER	C2012 JB 1C 225M-T	B	120.3/40.8
C1117	4030011600	S.CER	C1608 JB 1E 104K-T	B	98.1/33.4
C1118	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.2/33.4
C1201	4030006860	S.CER	C1608 JB 1H 102K-T	B	23.2/40.3
C1202	4030006860	S.CER	C1608 JB 1H 102K-T	B	19.2/36.9
C1203	4030006860	S.CER	C1608 JB 1H 102K-T	B	26.3/36.9
C1204	4030006860	S.CER	C1608 JB 1H 102K-T	B	21.0/36.9
C1205	4030006860	S.CER	C1608 JB 1H 102K-T	B	28.6/36.9
C1206	4030006900	S.CER	C1608 JB 1H 103K-T	B	30.4/36.9
C1207	4030006880	S.CER	C1608 JB 1H 472K-T	B	20.0/32.5
C1208	4030019560	S.CER	GRM21BB31C106KE15L	B	23.9/31.9
C1209	4030019120	S.CER	GRM188B31E105KA75D	B	24.6/36.0
C1210	4030019560	S.CER	GRM21BB31C106KE15L	T	20.2/39.5
C1211	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.9/36.9
C1212	4030011600	S.CER	C1608 JB 1E 104K-T	T	21.2/31.0
C1301	4030006880	S.CER	C1608 JB 1H 472K-T	B	48.7/37.0
C1401	4030006900	S.CER	C1608 JB 1H 103K-T	B	73.3/44.3
C1404	4030006900	S.CER	C1608 JB 1H 103K-T	B	77.9/39.8
C1405	4030006900	S.CER	C1608 JB 1H 103K-T	B	70.4/36.7
C1411	4030006900	S.CER	C1608 JB 1H 103K-T	T	125.9/30.2
C1421	4030006900	S.CER	C1608 JB 1H 103K-T	T	108.8/32.8
C1431	4030006900	S.CER	C1608 JB 1H 103K-T	B	124.1/42.1
C1432	4030006900	S.CER	C1608 JB 1H 103K-T	T	123.6/42.7
RL361	6330001860	REL	UA2-12NU		
RL371	6330001860	REL	UA2-12NU		
RL372	6330001860	REL	UA2-12NU		
RL1401	6330000540	REL	2-1419131-2(OMR-109F)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
RL1431	6330001860	REL UA2-12NU		
J101	6510023720	CON LGY6501-0600C		
J102	6510023720	CON LGY6501-0600C		
J151	6510018961	S.CON B2B-PH-SM4-TB(LF)(SN)	T	11.0/6.5
J611	6510023720	CON LGY6501-0600C		
J751	6510026540	CON UBB-4R-D14T-4D (LF)(SN)		
J851	6510027740	CON HSJ2462-010010		
J1001	6510022472	S.CON 40FLT-SM2-TB(LF)(SN)(M)	T	106.4/9.8
J1002	6510027040	S.CON B12B-PH-SM4-TB(LF)(SN)	T	143.0/16.9
J1003	6510021261	S.CON B9B-ZR-SM4-TF(LF)(SN)	T	32.5/22.2
J1101	6450001641	CON TCS5044-0141177		
J1201	6450001841	CON TCS7568-4320177		
J1301	6510023900	CON LGR4619-7000		
J1401	6450001130	CON JPJ2042-01-110		
EP101	6910014730	S.BEA MPZ2012S331A-T	B	164.2/45.9
EP102	6910014730	S.BEA MPZ2012S331A-T	B	178.1/48.3
EP151	6910012350	S.BEA MMZ1608Y 102BT	T	92.6/11.8
EP152	6910012350	S.BEA MMZ1608Y 102BT	T	15.2/8.9
EP351	6910014730	S.BEA MPZ2012S331A-T	T	187.6/48.2
EP352	6910014730	S.BEA MPZ2012S331A-T	T	165.7/48.1
EP551	6910012350	S.BEA MMZ1608Y 102BT	T	76.2/31.2
EP552	6910012350	S.BEA MMZ1608Y 102BT	T	75.7/34.4
EP602	6910012350	S.BEA MMZ1608Y 102BT	B	104.8/52.9
EP611	6910012350	S.BEA MMZ1608Y 102BT	B	133.4/48.3
EP751	6910015970	S.BEA MMZ1608B 301CT-AS	B	139.2/44.5
EP752	6910015970	S.BEA MMZ1608B 301CT-AS	B	143.0/47.8
EP753	6910015970	S.BEA MMZ1608B 301CT-AS	T	145.1/40.7
EP754	6910015970	S.BEA MMZ1608B 301CT-AS	B	150.6/43.9
EP851	6910012350	S.BEA MMZ1608Y 102BT	B	5.6/51.1
EP852	6910012350	S.BEA MMZ1608Y 102BT	B	5.6/49.0
EP853	6910012350	S.BEA MMZ1608Y 102BT	B	9.8/42.9
EP901	6910012350	S.BEA MMZ1608Y 102BT	B	49.4/41.2
EP902	6910012350	S.BEA MMZ1608Y 102BT	T	137.9/29.1
EP903	6910012350	S.BEA MMZ1608Y 102BT	B	10.1/19.5
EP1001	6910014640	S.BEA MPZ2012S221A-T	T	119.4/5.7
EP1002	6910014640	S.BEA MPZ2012S221A-T	T	117.1/5.7
EP1003	6910012350	S.BEA MMZ1608Y 102BT	T	114.2/6.0
EP1004	6910012350	S.BEA MMZ1608Y 102BT	T	113.9/13.5
EP1005	6910012350	S.BEA MMZ1608Y 102BT	T	113.0/6.0
EP1009	6910012350	S.BEA MMZ1608Y 102BT	T	98.6/6.0
EP1010	6910012350	S.BEA MMZ1608Y 102BT	T	98.3/13.5
EP1011	6910012350	S.BEA MMZ1608Y 102BT	T	97.2/6.1
EP1012	6910012350	S.BEA MMZ1608Y 102BT	T	95.6/13.4
EP1015	6910012350	S.BEA MMZ1608Y 102BT	T	103.4/6.0
EP1017	6910014640	S.BEA MPZ2012S221A-T	T	140.4/23.8
EP1018	6910014640	S.BEA MPZ2012S221A-T	T	137.6/23.8
EP1019	6910012350	S.BEA MMZ1608Y 102BT	T	153.9/23.6
EP1020	6910012350	S.BEA MMZ1608Y 102BT	T	152.0/22.8
EP1021	6910012350	S.BEA MMZ1608Y 102BT	T	150.7/13.5
EP1022	6910012350	S.BEA MMZ1608Y 102BT	T	146.7/13.3
EP1023	6910012350	S.BEA MMZ1608Y 102BT	T	132.9/22.7
EP1025	6910012350	S.BEA MMZ1608Y 102BT	T	28.0/16.5
EP1026	6910012350	S.BEA MMZ1608Y 102BT	T	147.1/23.5
EP1027	6910012350	S.BEA MMZ1608Y 102BT	T	30.6/16.5
EP1028	6910012350	S.BEA MMZ1608Y 102BT	T	145.1/22.8
EP1029	6910012350	S.BEA MMZ1608Y 102BT	T	34.0/16.5
EP1031	6910012350	S.BEA MMZ1608Y 102BT	T	36.6/16.5
EP1101	6910014690	S.BEA MPZ1608S221A-T	B	102.4/34.8
EP1102	6910014640	S.BEA MPZ2012S221A-T	B	103.3/32.8
EP1103	6910018930	S.BEA MPZ2012S601A	B	115.1/34.4
EP1104	6910014640	S.BEA MPZ2012S221A-T	B	118.7/38.6
EP1105	6910018930	S.BEA MPZ2012S601A	B	112.0/32.1
EP1106	6910012350	S.BEA MMZ1608Y 102BT	B	109.6/43.1
EP1201	6910012350	S.BEA MMZ1608Y 102BT	B	23.2/43.6
EP1202	6910012350	S.BEA MMZ1608Y 102BT	B	25.0/43.6
EP1203	6910012350	S.BEA MMZ1608Y 102BT	B	26.3/40.3
EP1301	6910012350	S.BEA MMZ1608Y 102BT	B	48.1/45.0
EP1401	6910018930	S.BEA MPZ2012S601A	B	73.3/50.4

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC103	1130011760	S.IC CD4094BPWR	T	23.9/58.6
IC104	1130011760	S.IC CD4094BPWR	T	22.9/47.8
IC121	1180001072	S.IC TA7805F(TE16L1NQ)	B	6.3/98.3
IC122	1180002020	S.REG BA033FP-E2	B	8.3/83.0
IC201	1130013270	S.IC ADF4116BRUZ-REEL7 <FE>	T	105.1/59.8
IC351	1190002101	S.IC AD9951YSVZ <FE>	T	50.7/26.1
IC352	1180003200	S.REG UPD120N18TA-E1-AT	T	60.2/25.6
IC353	1130013370	S.IC HD74LV2GT34AUSE-E	T	59.6/37.9
IC354	1130013370	S.IC HD74LV2GT34AUSE-E	T	58.8/34.1
IC501	1110006870	S.IC UPC2709TB-E3	T	29.2/20.3
IC661	1130012600	S.IC SN74AHC1G04DCKR	T	65.6/105.7
IC662	1130015150	S.IC CY22381FXC(SX-3073G)	T	72.0/105.7
IC701	1130012600	S.IC SN74AHC1G04DCKR	T	72.4/95.0
IC702	1140014960	S.IC TC190G02EFG-0058/SC1287A	T	64.1/89.1
IC703	1130013010	S.IC SN74AHC1G08DCK3	T	73.5/90.8
IC704	1130013010	S.IC SN74AHC1G08DCK3	T	71.6/83.2
IC1051	1190002101	S.IC AD9951YSVZ <FE>	T	92.9/23.0
IC1052	1180003200	S.REG UPD120N18TA-E1-AT	T	97.7/31.5
IC1053	1130013370	S.IC HD74LV2GT34AUSE-E	T	95.9/38.4
IC1054	1130013370	S.IC HD74LV2GT34AUSE-E	T	98.4/38.4
IC1171	1110006870	S.IC UPC2709TB-E3	T	44.2/4.2
IC1201	1110006870	S.IC UPC2709TB-E3	T	101.2/7.2
IC1251	1110006870	S.IC UPC2709TB-E3	T	106.5/30.8
IC1401	1130011760	S.IC CD4094BPWR	T	30.4/47.8
IC1402	1130011760	S.IC CD4094BPWR	T	31.4/58.6
IC1451	1110007560	S.IC ADG904BRUZ-REEL7 <FE>	T	57.9/16.3
IC1452	1110007560	S.IC ADG904BRUZ-REEL7 <FE>	T	73.5/21.7
IC1453	1110007570	S.IC ADG918BRMZ-REEL7 <FE>	T	56.6/46.2
IC1454	1110007570	S.IC ADG918BRMZ-REEL7 <FE>	T	66.9/3.2
IC1455	1110007570	S.IC ADG918BRMZ-REEL7 <FE>	T	78.8/4.4
IC1456	1110007570	S.IC ADG918BRMZ-REEL7 <FE>	T	70.1/40.6
IC1501	1130012600	S.IC SN74AHC1G04DCKR	T	63.9/73.8
IC1502	1140014960	S.IC TC190G02EFG-0058/SC1287A	T	54.2/69.5
IC2001	1130012600	S.IC SN74AHC1G04DCKR	T	102.8/77.2
IC2002	1140014960	S.IC TC190G02EFG-0058/SC1287A	T	97.5/86.6
Q151	1530003900	S.TRA KTC4075 BL-RTK/P	T	104.0/69.7
Q201	1530003900	S.TRA KTC4075 BL-RTK/P	B	101.0/61.1
Q202	1590004010	S.TRA KRA302-RTK/P	T	103.2/65.3
Q203	1590003680	S.TRA KRC402 RTK/P	B	101.7/65.5
Q251	1560000491	S.FET 2SK508-T2B-A K52	T	79.6/58.0
Q252	1530003900	S.TRA KTC4075 BL-RTK/P	B	75.3/61.3
Q271	1530004011	S.TRA KTC3770U-C-RTK/P	B	81.6/50.5
Q291	1530004011	S.TRA KTC3770U-C-RTK/P	T	89.7/53.7
Q301	1530004011	S.TRA KTC3770U-C-RTK/P	T	52.1/35.8
Q421	1590003680	S.TRA KRC402 RTK/P	T	18.8/34.2
Q422	1590004010	S.TRA KRA302-RTK/P	T	21.3/34.2
Q451	1560000841	S.FET 2SK1829(TE85RF)	T	18.8/30.0
Q452	1590004010	S.TRA KRA302-RTK/P	T	21.3/30.0
Q501	1590003680	S.TRA KRC402 RTK/P	T	17.6/26.4
Q502	1590004010	S.TRA KRA302-RTK/P	T	20.1/26.4
Q551	1530003890	S.TRA KTC3880S Y-RTK/P	T	91.0/70.2
Q571	1530003890	S.TRA KTC3880S Y-RTK/P	T	83.4/90.8
Q572	1590003680	S.TRA KRC402 RTK/P	B	18.6/71.1
Q573	1590004010	S.TRA KRA302-RTK/P	B	21.8/71.1
Q701	1530003900	S.TRA KTC4075 BL-RTK/P	T	48.7/92.5
Q801	1590003680	S.TRA KRC402 RTK/P	B	19.1/68.4
Q802	1590004010	S.TRA KRA302-RTK/P	B	22.3/68.4
Q850	1590003680	S.TRA KRC402 RTK/P	T	22.0/97.0
Q851	1560000841	S.FET 2SK1829(TE85RF)	T	22.0/100.4
Q852	1590003770	S.TRA KRA302E-RTK/P	T	22.5/103.3
Q900	1590003680	S.TRA KRC402 RTK/P	B	20.2/102.2
Q901	1530003890	S.TRA KTC3880S Y-RTK/P	B	31.7/113.3
Q902	1560000841	S.FET 2SK1829(TE85RF)	B	20.3/105.3
Q903	1590004010	S.TRA KRA302-RTK/P	B	23.7/106.3
Q1001	1530004011	S.TRA KTC3770U-C-RTK/P	T	76.1/29.5
Q1191	1590003770	S.TRA KRA302E-RTK/P	T	13.5/12.4
Q1192	1560000841	S.FET 2SK1829(TE85RF)	B	14.8/12.6
Q1193	1590003770	S.TRA KRA302E-RTK/P	T	10.7/12.4
Q1194	1590003680	S.TRA KRC402 RTK/P	B	11.8/12.6
Q1205	1590003680	S.TRA KRC402 RTK/P	B	90.5/9.4
Q1501	1530003900	S.TRA KTC4075 BL-RTK/P	T	38.6/71.6
Q1601	1590003680	S.TRA KRC402 RTK/P	T	18.4/72.1
Q1602	1590003770	S.TRA KRA302E-RTK/P	T	21.1/71.2
Q1701	1590003680	S.TRA KRC402 RTK/P	B	17.9/65.8
Q1702	1590004010	S.TRA KRA302-RTK/P	B	21.1/65.8
Q1703	1590003680	S.TRA KRC402 RTK/P	T	18.3/74.6
Q1704	1590003770	S.TRA KRA302E-RTK/P	T	21.0/75.0
Q1801	1590003680	S.TRA KRC402 RTK/P	B	24.3/65.1
Q1802	1590004010	S.TRA KRA302-RTK/P	B	25.5/67.8
Q1803	1590003680	S.TRA KRC402 RTK/P	T	19.2/68.9
Q1804	1590003770	S.TRA KRA302E-RTK/P	T	21.5/68.8
Q1851	1530003890	S.TRA KTC3880S Y-RTK/P	B	38.1/99.8
Q1901	1590003680	S.TRA KRC402 RTK/P	B	29.6/62.5
Q1902	1590004010	S.TRA KRA302-RTK/P	B	27.6/65.1
Q1903	1590003680	S.TRA KRC402 RTK/P	T	19.8/64.9
Q1904	1590003770	S.TRA KRA302E-RTK/P	T	22.1/64.8
Q2001	1530003900	S.TRA KTC4075 BL-RTK/P	T	101.3/102.0
Q2102	1590003680	S.TRA KRC402 RTK/P	B	14.9/73.7
Q2103	1590004010	S.TRA KRA302-RTK/P	B	14.9/76.3
Q2121	1590003680	S.TRA KRC402 RTK/P	B	15.3/71.1
Q2122	1590004010	S.TRA KRA302-RTK/P	B	18.1/73.7
Q2151	1530003890	S.TRA KTC3880S Y-RTK/P	T	84.7/113.4
D201	1750001320	S.DIO KDS4148U RTK/P	T	108.0/65.0
D251	1720000641	S.VAR 1SV284(TPH3F)	T	89.3/59.0
D421	1750001310	S.DIO KDS114 RTK/PA	T	31.0/34.3
D422	1750001310	S.DIO KDS114 RTK/PA	T	34.4/23.7
D451	1750001310	S.DIO KDS114 RTK/PA	T	27.1/35.3
D452	1750001310	S.DIO KDS114 RTK/PA	T	30.2/24.2
D501	1750001310	S.DIO KDS114 RTK/PA	T	18.2/23.7
D571	1750001310	S.DIO KDS114 RTK/PA	B	84.9/97.1
D801	1750001310	S.DIO KDS114 RTK/PA	T	47.9/104.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
D851	1750001310	S.DIO	KDS114 RTK/PA	T	50.3/103.1
D951	1750000431	S.DIO	HSB88WSTR-E	T	29.0/115.0
D1171	1790001621	S.DIO	1SV308(TPL3F)	B	33.0/8.3
D1172	1790001621	S.DIO	1SV308(TPL3F)	B	21.0/7.9
D1173	1790001621	S.DIO	1SV308(TPL3F)	T	34.5/9.8
D1174	1790001621	S.DIO	1SV308(TPL3F)	B	21.7/9.2
D1203	1750001310	S.DIO	KDS114 RTK/PA	T	92.3/5.3
D1601	1750001310	S.DIO	KDS114 RTK/PA	B	50.3/105.5
D1701	1750001310	S.DIO	KDS114 RTK/PA	B	47.2/101.6
D1702	1750001310	S.DIO	KDS114 RTK/PA	B	47.3/103.7
D1801	1750001310	S.DIO	KDS114 RTK/PA	B	47.1/93.1
D1802	1750001310	S.DIO	KDS114 RTK/PA	B	35.8/72.5
D1851	1160000070	S.DIO	DAN202K T146	B	32.5/94.1
D1872	1750000431	S.DIO	HSB88WSTR-E	T	41.8/88.6
D1901	1750001310	S.DIO	KDS114 RTK/PA	B	47.8/91.1
D1902	1750001310	S.DIO	KDS114 RTK/PA	T	33.3/70.1
D2121	1750001310	S.DIO	KDS114 RTK/PA	T	102.7/111.8
D2151	1750001310	S.DIO	KDS114 RTK/PA	T	85.6/103.5
D2171	1750001310	S.DIO	KDS114 RTK/PA	B	105.4/112.7
D2172	1750000431	S.DIO	HSB88WSTR-E	T	97.2/115.7
D2181	1750001310	S.DIO	KDS114 RTK/PA	B	86.5/104.4
FI401	2030000680	S.MON	DSF753SDF 64.455 MHz (FL-423)	T	45.1/47.7
FI981	2030000820	S.MON	MFT64.4R2 64.491 MHz (FL-436)	T	14.9/107.3
FI1881	2030000830	S.MON	MFT71.2R2 71.214 MHz (FL-437)	T	33.6/87.3
FI2181	2030000790	S.MON	MFT71.7R 71.705 MHz (FL-438)	T	96.4/108.5
X151	6050012990	S.XTA	CR-893 TTS18NSH 32 MHz	T	111.9/71.5
L151	6200005011	S.COI	NLV25T-100J	T	123.3/11.9
L152	6200005011	S.COI	NLV25T-100J	T	120.3/9.7
L153	6200002651	S.COI	NLV25T-R18J	T	101.5/71.55
L201	6200005011	S.COI	NLV25T-100J	T	110.0/62.4
L251	6200013110	S.COI	0.35-1.6-9TL 52.0N <COMO>	T	91.6/58.3
L252	6200010150	S.COI	AS080340-15N	T	85.0/57.4
L301	6200005671	S.COI	ELJRE 12NGFA	T	50.0/35.7
L302	6200005691	S.COI	ELJRE 18NGFA	T	46.9/35.1
L303	6200005681	S.COI	ELJRE 15NGFA	T	44.2/37.5
L304	6200005691	S.COI	ELJRE 18NGFA	T	43.7/32.9
L351	6200004961	S.COI	NLV25T-R33J	B	50.4/21.5
L352	6200004961	S.COI	NLV25T-R33J	B	52.9/21.5
L353	6200004961	S.COI	NLV25T-R33J	B	54.3/35.1
L354	6140002810	S.COI	LR-317	T	47.0/14.3
L355	6200004961	S.COI	NLV25T-R33J	B	54.7/31.9
L381	6200010910	S.COI	LQW18AN56NG00D	T	53.0/11.6
L382	6200010910	S.COI	LQW18AN56NG00D	T	54.9/12.0
L401	6200004940	S.COI	MLF1608D R27K-T	B	48.0/46.2
L402	6200004940	S.COI	MLF1608D R27K-T	T	39.7/46.8
L421	6200011650	S.COI	LQW18AN68NG00D	T	31.6/31.1
L422	6200011770	S.COI	LQW18ANR10G00D	T	32.0/29.2
L423	6200011680	S.COI	LQW18ANR12G00D	T	35.2/27.2
L451	6200005731	S.COI	ELJRE 39NGFA	T	26.8/32.3
L452	6200006991	S.COI	ELJRE 56NGFA	T	27.6/29.2
L453	6200009531	S.COI	ELJRE R15GFA	T	28.3/27.0
L501	6200001981	S.COI	NLV25T-1R0J	T	26.6/20.6
L502	6200009290	S.COI	LQW18AN47NG00D (LQW1608A47NG00)	T	23.2/22.6
L503	6200011650	S.COI	LQW18AN68NG00D	T	20.1/20.7
L504	6200011680	S.COI	LQW18ANR12G00D	T	18.1/18.7
L505	6200005011	S.COI	NLV25T-100J	B	19.3/25.0
L551	6150004250	COI	LS-471A (C-14922)		
L552	6150004250	COI	LS-471A (C-14922)		
L661	6200005011	S.COI	NLV25T-100J	B	71.6/103.4
L671	6200004741	S.COI	NLV25T-1R2J	T	74.8/112.5
L672	6200002841	S.COI	NLV25T-R22J	T	70.8/110.4
L673	6200002911	S.COI	NLV25T-R27J	T	67.8/110.9
L674	6200002841	S.COI	NLV25T-R22J	T	64.6/110.4
L701	6200005011	S.COI	NLV25T-100J	B	58.6/81.8
L702	6200009871	S.COI	NLV25T-120J	T	51.7/83.3
L703	6200002041	S.COI	NLV25T-101J	B	50.2/87.8
L801	6200014100	S.COI	NLFV25T-150K-EF	T	34.9/109.0
L802	6200014100	S.COI	NLFV25T-150K-EF	T	30.6/110.4
L803	6200014110	S.COI	NLFV25T-220K-EF	T	26.4/107.9
L811	6200005491	S.COI	NLV32T-331J	B	42.4/93.5
L812	6200014090	S.COI	NLFV32T-331K-EF	T	43.3/104.7
L850	6200014090	S.COI	NLFV32T-331K-EF	T	55.4/105.7
L851	6200014220	S.COI	MLF2012C 150K-T	T	50.8/107.4
L852	6200014220	S.COI	MLF2012C 150K-T	T	47.9/109.1
L853	6200014230	S.COI	MLF2012C 220K-T	T	47.5/111.9
L901	6200002911	S.COI	NLV25T-R27J	B	29.2/110.5
L951	6140002810	S.COI	LR-317	T	35.0/114.9
L952	6140002810	S.COI	LR-317	T	22.7/114.9
L981	6200010870	S.COI	C2520C-R33G-A (0.33U)	T	14.4/115.2
L982	6200010870	S.COI	C2520C-R33G-A (0.33U)	T	15.0/100.1
L1001	6200005671	S.COI	ELJRE 12NGFA	T	81.1/28.9
L1002	6200005691	S.COI	ELJRE 18NGFA	T	83.1/29.3
L1003	6200005681	S.COI	ELJRE 15NGFA	T	85.1/31.3
L1004	6200005691	S.COI	ELJRE 18NGFA	T	87.0/32.0
L1051	6200004961	S.COI	NLV25T-R33J	B	92.2/29.6
L1052	6200004961	S.COI	NLV25T-R33J	B	94.7/28.6
L1053	6200004961	S.COI	NLV25T-R33J	B	97.8/26.9
L1054	6140002810	S.COI	LR-317	T	81.2/21.3
L1055	6200004961	S.COI	NLV25T-R33J	B	99.2/29.4
L1081	6200010910	S.COI	LQW18AN56NG00D	T	79.1/15.1
L1082	6200010910	S.COI	LQW18AN56NG00D	T	75.2/15.1
L1101	6200011770	S.COI	LQW18ANR10G00D	T	59.4/4.4
L1102	6200011670	S.COI	LQW18AN82NG00D	T	56.2/5.2
L1103	6200011650	S.COI	LQW18AN68NG00D	T	54.0/6.0
L1104	6200011650	S.COI	LQW18AN68NG00D	T	52.1/6.8
L1105	6200011770	S.COI	LQW18ANR10G00D	T	49.7/6.8
L1171	6200001981	S.COI	NLV25T-1R0J	T	44.7/6.8

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L1172	6200010910	S.COI	LQW18AN56NG00D	T	37.5/9.5
L1173	6200010910	S.COI	LQW18AN56NG00D	T	37.5/7.1
L1174	6200011670	S.COI	LQW18AN82NG00D	T	37.5/3.5
L1175	6200004741	S.COI	NLV25T-1R2J	B	34.9/2.4
L1176	6200012700	S.COI	0.50-2.0-6TL 35.0N <COMO>	T	33.1/5.4
L1177	6200012700	S.COI	0.50-2.0-6TL 35.0N <COMO>	T	19.4/5.4
L1178	6200004741	S.COI	NLV25T-1R2J	B	16.9/2.4
L1201	6200009250	S.COI	LQW18ANR22G00D (LQW1608AR22G00)	T	87.9/3.8
L1202	6200011770	S.COI	LQW18ANR10G00D	T	88.3/5.8
L1203	6200011580	S.COI	LQW18AN33NG00D	T	92.7/6.8
L1204	6200011650	S.COI	LQW18AN68NG00D	T	94.6/8.5
L1205	6200004790	S.COI	MLF1608D R47K-T	T	103.3/7.2
L1206	6200005011	S.COI	NLV25T-100J	B	91.2/4.5
L1233	6200011590	S.COI	LQW18AN39NG00D	T	108.0/16.6
L1234	6200009290	S.COI	LQW18AN47NG00D (LQW1608A47NG00)	T	110.1/18.8
L1235	6200009280	S.COI	LQW18AN27NG00D (LQW1608A27NG00)	T	106.7/22.0
L1236	6200011590	S.COI	LQW18AN39NG00D	T	106.1/24.2
L1255	6200004961	S.COI	NLV25T-R33J	T	109.2/30.2
L1273	6200009070	S.COI	LQW18AN18NG00D (LQW1608A18NG00)	T	112.0/36.4
L1274	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	T	109.7/37.2
L1275	6200009220	S.COI	LQW18AN15NG00D (LQW1608A15NG00)	T	106.5/39.1
L1276	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	T	107.0/41.1
L1282	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	T	108.9/43.0
L1283	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	T	110.9/44.7
L1301	6200005180	S.COI	MLF1608D R39K-T	T	75.0/37.9
L1302	6200004940	S.COI	MLF1608D R27K-T	T	76.9/38.4
L1303	6200004590	S.COI	MLF1608D R18K-T	T	78.9/40.6
L1304	6200004940	S.COI	MLF1608D R27K-T	T	80.8/38.4
L1501	6200005011	S.COI	NLV25T-100J	B	51.5/76.1
L1521	6200009871	S.COI	NLV25T-120J	T	41.7/63.1
L1530	6200005491	S.COI	NLV32T-331J	B	30.0/67.9
L1531	6200014090	S.COI	NLFV32T-331K-EF	B	50.9/110.7
L1532	6200002041	S.COI	NLV25T-101J	T	35.0/65.6
L1701	6200003661	S.COI	NLV25T-R68J	T	34.6/104.7
L1702	6200003661	S.COI	NLV25T-R68J	T	33.2/100.6
L1703	6200003661	S.COI	NLV25T-R68J	T	28.9/103.3
L1801	6200004741	S.COI	NLV25T-1R2J	B	37.0/75.3
L1802	6200004741	S.COI	NLV25T-1R2J	B	37.4/78.3
L1803	6200004741	S.COI	NLV25T-1R2J	B	29.6/81.8
L1851	6200002911	S.COI	NLV25T-R27J	B	36.8/96.7
L1871	6140002810	S.COI	LR-317	T	42.2/94.4
L1872	6140002810	S.COI	LR-317	T	42.0/83.0
L1881	6200005140	S.COI	MLF1608D R33K-T	T	37.0/83.0
L1882	6200005140	S.COI	MLF1608D R33K-T	T	26.6/86.7
L1901	6200003661	S.COI	NLV25T-R68J	T	26.4/65.2
L1902	6200003661	S.COI	NLV25T-R68J	T	23.9/69.5
L1903	6200002851	S.COI	NLV25T-R82J	T	26.7/71.5
L2001	6200005011	S.COI	NLV25T-100J	B	102.7/75.4
L2021	6200009871	S.COI	NLV25T-120J	T	90.3/101.6
L2032	6200002041	S.COI	NLV25T-101J	B	98.9/101.7
L2101	6200002851	S.COI	NLV25T-R82J	B	104.3/102.4
L2102	6200002851	S.COI	NLV25T-R82J	B	109.5/101.3
L2103	6200001981	S.COI	NLV25T-1R0J	T	110.5/102.9
L2151	6200003350	S.COI	ELJNC R27K-F	T	84.3/116.7
L2171	6140002810	S.COI	LR-317	T	91.6/115.7
L2172	6140002810	S.COI	LR-317	T	102.8/115.7
L2181	6200010870	S.COI	C2520C-R33G-A (0.33U)	T	103.7/108.1
L2182	6200010870	S.COI	C2520C-R33G-A (0.33U)	T	89.1/108.4
R1	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	8.0/26.3
R2	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	11.4/29.3
R3	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	6.8/26.3
R4	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	11.4/32.1
R5	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	5.5/26.3
R12	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.6/42.1
R13	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	4.7/41.7
R14	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.6/43.4
R15	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	4.7/42.9
R16	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.6/44.6
R17	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	4.7/44.1
R18	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.6/45.8
R19	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	4.7/45.3
R20	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.6/47.0
R21	7030003860	S.RES	ERJ3GE JPW V	T	4.7/46.5
R22	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.7/48.2
R23	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	4.7/47.7
R24	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.7/49.6
R81	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/76.0
R82	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/74.8
R87	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/68.8
R88	7030003860	S.RES	ERJ3GE JPW V	T	10.0/67.6
R89	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/66.4
R90	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/65.2
R91	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/64.0
R92	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/62.8
R93	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/61.6
R94	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	10.0/60.4
R101	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	24.4/55.9
R102	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	25.3/53.5
R103	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	27.0/53.5
R104	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	29.1/53.5
R105	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	21.9/61.9
R106	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	23.4/61.6
R107	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	25.0/61.5
R108	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	26.5/61.5

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R121	7030010660	S.RES ERJ1TYJ 6R8U (6.8)	B	5.8/68.7
R122	7030010660	S.RES ERJ1TYJ 6R8U (6.8)	B	2.1/66.8
R151	7030003670	S.RES ERJ3GEYJ 823 V (82K)	B	112.9/66.4
R152	7030003610	S.RES ERJ3GEYJ 273 V (27K)	B	112.1/72.5
R153	7030003620	S.RES ERJ3GEYJ 333 V (33K)	B	112.9/70.1
R154	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	108.6/73.3
R155	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	109.1/70.2
R156	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	108.6/72.1
R157	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	105.9/72.9
R201	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	98.6/64.4
R202	7030003660	S.RES ERJ3GEYJ 683 V (68K)	B	98.6/61.1
R203	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	101.7/58.4
R204	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	97.9/59.2
R205	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	72.9/65.5
R206	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	106.4/65.5
R207	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	104.6/65.5
R208	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	106.3/65.3
R221	7030005351	S.RES ERA3YED 182V (1.8K)	T	99.8/65.5
R222	7030003860	S.RES ERJ3GE JPW V	T	99.8/66.7
R251	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	79.1/55.9
R252	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	79.1/54.7
R253	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	T	81.1/61.0
R254	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	72.9/62.4
R255	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	71.1/60.9
R256	7030003250	S.RES ERJ3GEYJ 270 V (27)	T	68.1/62.0
R271	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	B	82.6/54.3
R272	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	B	83.0/48.3
R273	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	76.0/51.1
R274	7030003260	S.RES ERJ3GEYJ 330 V (33)	B	74.9/47.4
R275	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	75.3/54.3
R276	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	75.2/44.9
R277	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	83.2/56.7
R291	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	T	87.8/53.4
R292	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	85.8/52.7
R293	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	92.3/52.6
R294	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	92.3/53.9
R295	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	87.9/52.0
R297	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	86.2/56.2
R301	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	T	54.7/37.4
R302	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	54.7/39.0
R303	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	52.0/39.0
R304	7030003240	S.RES ERJ3GEYJ 220 V (22)	T	52.0/37.8
R305	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	50.6/34.1
R351	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	44.2/31.0
R352	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	44.2/22.6
R353	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	46.3/18.3
R354	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	47.8/16.7
R355	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	57.2/27.9
R356	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	58.5/27.1
R357	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	55.0/29.2
R358	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	55.6/26.9
R359	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	59.8/27.9
R405	7030003860	S.RES ERJ3GE JPW V	T	45.1/78.8
R408	7030003860	S.RES ERJ3GE JPW V	T	45.1/77.6
R411	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	51.6/81.6
R421	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	71.15/72.45
R422	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	71.2/71.2
R423	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	71.2/69.9
R424	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	71.2/68.6
R451	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	27.25/33.55
R452	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	27.3/28.9
R453	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	27.3/25.8
R454	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	23.2/30.2
R501	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	34.1/20.2
R502	7030003860	S.RES ERJ3GE JPW V	T	33.4/22.1
R504	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	24.8/23.0
R505	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	23.2/23.0
R506	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	22.0/26.6
R508	7030003860	S.RES ERJ3GE JPW V	B	16.0/20.2
R551	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	95.2/69.6
R552	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	93.3/69.1
R553	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	95.7/71.8
R554	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	94.5/71.8
R555	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	79.8/72.8
R571	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	87.2/87.7
R572	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	86.1/90.4
R573	7030003620	S.RES ERJ3GEYJ 333 V (33K)	B	85.1/90.1
R574	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	87.5/91.1
R575	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	81.1/91.0
R576	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	83.4/92.8
R577	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	88.3/102.2
R578	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	85.3/100.2
R579	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	82.0/100.2
R661	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	63.1/104.1
R662	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	65.8/103.8
R664	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	67.7/104.4
R665	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	77.1/110.7
R666	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	77.1/103.8
R667	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	77.1/105.1
R674	7030003860	S.RES ERJ3GE JPW V	T	74.0/110.2
R677	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	62.0/113.9
R678	7030003270	S.RES ERJ3GEYJ 390 V (39)	B	61.2/111.8
R679	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	60.4/113.9
R701	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	73.9/98.1
R702	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	74.3/96.3
R703	7030007220	S.RES ERA3YED 202V (2K)	T	52.0/96.1
R704	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/96.1
R705	7030007230	S.RES ERA3YED 102V (1K)	T	52.0/94.9
R706	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/94.9
R707	7030007230	S.RES ERA3YED 102V (1K)	T	52.0/93.7
R708	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/93.7
R709	7030007230	S.RES ERA3YED 102V (1K)	T	52.0/92.5
R710	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/92.5
R711	7030007230	S.RES ERA3YED 102V (1K)	T	52.0/91.3
R712	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/90.1

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R713	7030007230	S.RES ERA3YED 102V (1K)	T	52.0/90.0
R714	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/88.9
R715	7030007230	S.RES ERA3YED 102V (1K)	T	52.0/88.8
R716	7030007220	S.RES ERA3YED 202V (2K)	T	54.8/87.7
R717	7030007210	S.RES ERA3YEB 102V (1K)	T	52.0/87.6
R718	7030007200	S.RES ERA3YEB 202V (2K)	T	54.8/86.5
R719	7030007210	S.RES ERA3YEB 102V (1K)	T	52.0/86.4
R720	7030007200	S.RES ERA3YEB 202V (2K)	T	54.8/85.3
R721	7030007210	S.RES ERA3YEB 102V (1K)	T	52.0/85.2
R722	7030007200	S.RES ERA3YEB 202V (2K)	T	54.8/84.1
R723	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	72.3/97.1
R724	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	68.6/73.3
R725	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	70.4/93.3
R726	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	73.3/88.7
R727	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	74.1/85.5
R728	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	75.0/83.9
R729	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	74.1/87.1
R730	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	64.8/79.6
R731	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	48.6/85.0
R732	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	48.6/86.2
R733	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	48.6/90.6
R734	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	48.6/88.6
R735	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	49.4/95.6
R801	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	43.5/96.6
R802	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	46.0/104.4
R803	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	19.8/84.8
R804	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	23.5/109.1
R805	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	T	22.8/111.0
R806	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	22.0/109.1
R809	7030003860	S.RES ERJ3GE JPW V	T	25.4/109.8
R850	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	24.0/100.1
R851	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	25.0/103.2
R852	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	52.7/104.2
R853	7030003330	S.RES ERJ3GEYJ 121 V (120)	T	48.2/113.8
R854	7030003290	S.RES ERJ3GEYJ 560 V (56)	T	48.9/115.7
R855	7030003330	S.RES ERJ3GEYJ 121 V (120)	T	47.6/115.7
R857	7030003860	S.RES ERJ3GE JPW V	T	50.5/111.9
R900	7030003600	S.RES ERJ3GEYJ 223 V (22K)	B	20.2/107.5
R901	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	40.4/116.9
R902	7030003580	S.RES ERJ3GEYJ 153 V (15K)	B	31.7/116.0
R903	7030003620	S.RES ERJ3GEYJ 333 V (33K)	B	35.2/116.2
R904	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	27.1/113.6
R905	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	35.9/111.4
R906	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	33.8/108.6
R907	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	33.8/110.1
R908	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	35.9/109.3
R909	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	29.0/112.4
R981	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	18.4/116.6
R982	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	T	18.4/114.6
R983	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	16.9/116.6
R984	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	19.3/101.4
R985	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	T	18.5/99.6
R986	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	19.8/98.6
R1001	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	T	74.2/29.3
R1002	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	73.0/30.1
R1003	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	78.0/29.3
R1004	7030003240	S.RES ERJ3GEYJ 220 V (22)	T	79.2/29.3
R1005	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	74.8/32.0
R1051	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	88.2/32.0
R1052	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	86.3/19.3
R1053	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	83.6/20.5
R1054	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	85.2/22.0
R1055	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	97.0/22.7
R1056	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	100.2/22.7
R1057	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	97.8/25.0
R1058	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	98.6/22.7
R1059	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	99.0/18.3
R1171	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	49.7/4.1
R1172	7030003290	S.RES ERJ3GEYJ 560 V (56)	T	48.5/6.8
R1173	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	48.5/4.1
R1174	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	46.0/7.3
R1178	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	29.5/9.1
R1179	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	27.0/8.3
R1180	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	24.6/9.1
R1181	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	24.6/12.4
R1182	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	34.7/5.1
R1183	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	31.4/10.7
R1185	7030003860	S.RES ERJ3GE JPW V	T	21.7/10.7
R1186	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	24.8/9.5
R1187	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	18.0/5.1
R1191	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	13.6/10.8
R1192	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	10.8/10.8
R1204	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	T	98.6/8.5
R1206	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	101.1/5.8
R1208	7030003860	S.RES ERJ3GE JPW V	B	103.8/12.5
R1210	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	93.9/5.9
R1211	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	90.4/11.5
R1253	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	109.5/26.3
R1254	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	106.7/26.3
R1255	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	109.5/27.6
R1256	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	109.7/28.3
R1258	7030003860	S.RES ERJ3GE JPW V	B	111.2/34.1
R1288	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	111.7/46.7
R1289	7030003260	S.RES ERJ3GEYJ 330 V (33)	B	110.9/48.0
R1290	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	111.7/49.3
R1305	7310005530	S.TRI TMC3ADCS2X (470)	T	82.8/41.4
R1306	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	84.8/40.7
R1307	7030003370	S.RES ERJ3GEYJ 271 V (270)	B	85.5/38.2
R1451	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	60.0/21.2
R1452	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	61.2/21.2
R1453	7030003540	S.RES ERJ3GEYB 682 V (6.8K)	T	58.8/21.2
R1454	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	57.6/21.2
R1455	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	77.2/23.1
R1456	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	72.7/20.0
R1457	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	75.9/23.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R1458	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	73.5/21.4
R1459	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	74.5/24.6
R1460	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	73.2/23.9
R1461	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	58.0/50.0
R1462	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	55.8/48.2
R1463	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	65.4/8.0
R1464	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	65.4/6.8
R1465	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	80.4/4.9
R1466	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	80.4/3.3
R1467	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	70.9/42.9
R1468	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	71.6/40.5
R1469	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	57.9/45.3
R1470	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	59.5/46.1
R1471	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	59.2/48.1
R1472	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	66.1/44.1
R1473	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	63.5/45.2
R1474	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	62.8/47.3
R1501	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	67.2/69.3
R1502	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	63.7/75.8
R1503	7030007220	S.RES ERA3YED 202V (2K)	T	42.0/75.8
R1504	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/75.8
R1505	7030007230	S.RES ERA3YED 102V (1K)	T	42.0/74.6
R1506	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/74.6
R1507	7030007230	S.RES ERA3YED 102V (1K)	T	42.0/73.4
R1508	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/73.4
R1509	7030007230	S.RES ERA3YED 102V (1K)	T	42.0/72.2
R1510	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/72.2
R1511	7030007230	S.RES ERA3YED 102V (1K)	T	42.0/71.0
R1512	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/69.8
R1513	7030007230	S.RES ERA3YED 102V (1K)	T	42.0/69.8
R1514	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/68.6
R1515	7030007230	S.RES ERA3YED 102V (1K)	T	42.0/68.6
R1516	7030007220	S.RES ERA3YED 202V (2K)	T	44.8/67.4
R1517	7030007210	S.RES ERA3YEB 102V (1K)	T	42.0/67.4
R1518	7030007200	S.RES ERA3YEB 202V (2K)	T	44.8/66.2
R1519	7030007210	S.RES ERA3YEB 102V (1K)	T	42.0/66.2
R1520	7030007200	S.RES ERA3YEB 202V (2K)	T	44.8/65.0
R1521	7030007210	S.RES ERA3YEB 102V (1K)	T	42.0/65.0
R1522	7030007200	S.RES ERA3YEB 202V (2K)	T	44.8/63.8
R1523	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	63.8/77.0
R1526	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	63.4/66.5
R1527	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	62.2/68.7
R1528	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	64.0/70.7
R1530	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	60.7/64.0
R1531	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	38.6/64.3
R1532	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	38.6/65.5
R1533	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	38.6/69.7
R1534	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	38.6/67.9
R1535	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	39.2/74.9
R1536	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	33.6/68.5
R1541	7030003860	S.RES ERJ3GE JPW V	B	70.5/78.2
R1542	7030003860	S.RES ERJ3GE JPW V	B	64.8/77.0
R1601	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	52.2/107.3
R1606	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	21.1/73.3
R1701	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	43.1/100.4
R1702	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	43.1/101.7
R1703	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	29.9/100.2
R1704	7030003270	S.RES ERJ3GEYJ 390 V (39)	B	29.1/98.3
R1705	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	29.9/96.4
R1706	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	26.7/90.4
R1707	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	18.2/76.6
R1709	7030003860	S.RES ERJ3GE JPW V	T	29.2/101.4
R1801	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	42.0/90.3
R1802	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	32.8/71.2
R1809	7030003860	S.RES ERJ3GE JPW V	B	33.9/82.3
R1851	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	49.8/99.8
R1852	7030003580	S.RES ERJ3GEYJ 153 V (15K)	B	34.7/100.2
R1853	7030003620	S.RES ERJ3GEYJ 333 V (33K)	T	45.4/97.8
R1854	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	32.5/97.1
R1855	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	39.6/96.5
R1856	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	34.7/98.6
R1871	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	37.0/93.9
R1872	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	T	37.0/96.5
R1873	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	38.3/96.5
R1874	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	39.9/85.5
R1875	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	40.8/83.1
R1876	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	41.7/85.5
R1881	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	43.0/81.1
R1882	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	40.8/81.4
R1883	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	40.3/79.0
R1884	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	29.4/81.6
R1885	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	T	28.0/83.6
R1886	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	28.0/81.7
R1901	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	44.4/87.3
R1902	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	32.1/66.8
R1903	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	25.4/75.2
R1904	7030003270	S.RES ERJ3GEYJ 390 V (39)	T	24.8/77.1
R1905	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	26.7/76.3
R1906	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	39.4/88.6
R1907	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	21.4/66.9
R1909	7030003860	S.RES ERJ3GE JPW V	T	26.1/73.4
R2001	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	96.0/76.6
R2002	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	104.7/77.2
R2003	7030007220	S.RES ERA3YED 202V (2K)	T	103.6/98.5
R2004	7030007220	S.RES ERA3YED 202V (2K)	T	103.6/95.7
R2005	7030007230	S.RES ERA3YED 102V (1K)	T	102.4/98.5
R2006	7030007220	S.RES ERA3YED 202V (2K)	T	102.4/95.7
R2007	7030007230	S.RES ERA3YED 102V (1K)	T	101.2/98.5
R2008	7030007220	S.RES ERA3YED 202V (2K)	T	101.2/95.7
R2009	7030007230	S.RES ERA3YED 102V (1K)	T	100.0/98.5
R2010	7030007220	S.RES ERA3YED 202V (2K)	T	100.0/95.7
R2011	7030007230	S.RES ERA3YED 102V (1K)	T	98.8/98.5
R2012	7030007220	S.RES ERA3YED 202V (2K)	T	97.6/95.7
R2013	7030007230	S.RES ERA3YED 102V (1K)	T	97.6/98.5
R2014	7030007220	S.RES ERA3YED 202V (2K)	T	96.4/95.7

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R2015	7030007230	S.RES ERA3YED 102V (1K)	T	96.4/98.5
R2016	7030007220	S.RES ERA3YED 202V (2K)	T	95.2/95.7
R2017	7030007210	S.RES ERA3YEB 102V (1K)	T	95.2/98.5
R2018	7030007200	S.RES ERA3YEB 202V (2K)	T	94.0/95.7
R2019	7030007210	S.RES ERA3YEB 102V (1K)	T	94.0/98.5
R2020	7030007200	S.RES ERA3YEB 202V (2K)	T	92.8/95.7
R2021	7030007210	S.RES ERA3YEB 102V (1K)	T	92.8/98.5
R2022	7030007200	S.RES ERA3YEB 202V (2K)	T	91.6/95.7
R2023	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	104.3/80.7
R2026	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	92.9/79.3
R2027	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	98.4/79.3
R2028	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	97.6/77.7
R2030	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	91.0/88.7
R2031	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	94.6/102.0
R2032	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	95.8/102.0
R2033	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	99.4/102.0
R2034	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	98.2/102.0
R2035	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	104.3/101.1
R2107	7030003860	S.RES ERJ3GE JPW V	T	109.7/105.5
R2121	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	104.8/108.4
R2122	7030003300	S.RES ERJ3GEYJ 680 V (68)	T	84.6/108.5
R2123	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	19.8/86.0
R2124	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	85.8/108.5
R2125	7030003300	S.RES ERJ3GEYJ 680 V (68)	T	84.6/105.7
R2151	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	81.3/109.0
R2152	7030003580	S.RES ERJ3GEYJ 153 V (15K)	B	83.8/114.1
R2153	7030003620	S.RES ERJ3GEYJ 333 V (33K)	T	82.4/111.6
R2154	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	83.8/117.3
R2155	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	84.6/110.9
R2156	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	86.4/116.4
R2171	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	89.6/114.5
R2172	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	91.8/115.3
R2173	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	89.6/116.1
R2174	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	100.2/115.8
R2175	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	102.3/115.0
R2176	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	100.2/114.2
R2177	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	103.8/118.0
R2181	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	101.6/110.0
R2182	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	103.2/110.3
R2183	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	102.4/107.9
R2184	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	90.7/108.1
R2185	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	88.6/107.3
R2186	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	90.7/106.2
R2187	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	86.3/107.7
C1	4030007050	S.CER C1608 CH 1H 220J-T	T	8.0/23.1
C2	4030007050	S.CER C1608 CH 1H 220J-T	T	12.6/29.3
C3	4030007050	S.CER C1608 CH 1H 220J-T	T	6.8/23.1
C4	4030007050	S.CER C1608 CH 1H 220J-T	T	12.6/32.1
C5	4030006860	S.CER C1608 JB 1H 102K-T	T	5.5/23.1
C6	4030006860	S.CER C1608 JB 1H 102K-T	B	4.6/29.8
C7	4030006860	S.CER C1608 JB 1H 102K-T	B	4.2/33.1
C8	4030006860	S.CER C1608 JB 1H 102K-T	B	5.5/37.2
C9	4030006860	S.CER C1608 JB 1H 102K-T	B	3.0/40.0
C10	4030006860	S.CER C1608 JB 1H 102K-T	B	9.4/36.7
C11	4030006860	S.CER C1608 JB 1H 102K-T	B	11.2/46.0
C12	4030006860	S.CER C1608 JB 1H 102K-T	B	17.1/42.1
C13	4030006860	S.CER C1608 JB 1H 102K-T	B	5.1/41.7
C14	4030007050	S.CER C1608 CH 1H 220J-T	B	16.4/43.4
C15	4030007050	S.CER C1608 CH 1H 220J-T	B	5.1/43.3
C16	4030007050	S.CER C1608 CH 1H 220J-T	B	17.1/44.7
C17	4030006860	S.CER C1608 JB 1H 102K-T	B	5.1/44.9
C18	4030006860	S.CER C1608 JB 1H 102K-T	B	16.4/46.0
C19	4030006860	S.CER C1608 JB 1H 102K-T	B	5.1/46.5
C20	4030006860	S.CER C1608 JB 1H 102K-T	B	17.1/47.3
C21	4030006860	S.CER C1608 JB 1H 102K-T	B	5.1/48.1
C22	4030006860	S.CER C1608 JB 1H 102K-T	B	16.4/48.6
C23	4030006860	S.CER C1608 JB 1H 102K-T	B	5.1/50.6
C24	4030006860	S.CER C1608 JB 1H 102K-T	B	17.1/49.9
C81	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/76.0
C82	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/74.8
C83	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/73.6
C84	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/72.4
C85	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/71.2
C86	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/70.0
C87	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/68.8
C88	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/67.6
C89	4030007050	S.CER C1608 CH 1H 220J-T	T	13.7/66.4
C90	4030007050	S.CER C1608 CH 1H 220J-T	T	13.7/65.2
C91	4030007050	S.CER C1608 CH 1H 220J-T	T	13.7/64.0
C92	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/62.8
C93	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/61.6
C94	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/60.4
C95	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/59.2
C96	4030006860	S.CER C1608 JB 1H 102K-T	T	13.7/58.0
C101	4030007050	S.CER C1608 CH 1H 220J-T	B	23.7/52.5
C103	4030011600	S.CER C1608 JB 1E 104K-T	T	20.3/58.6
C104	4030011600	S.CER C1608 JB 1E 104K-T	T	19.4/47.7
C122	4510009550	S.ELE EEEFK1C100R	T	8.9/95.1
C123	4030011600	S.CER C1608 JB 1E 104K-T	B	8.2/89.9
C124	4030011600	S.CER C1608 JB 1E 104K-T	B	4.5/89.9
C125	4510009550	S.ELE EEEFK1C100R	T	3.8/95.1
C126	4030011810	S.CER C1608 JB 1A 224K-T	B	9.7/87.9
C127	4550007090	S.TAN TEESVA 1A 226M8R	B	6.6/77.3
C151	4030006900	S.CER C1608 JB 1H 103K-T	T	111.8/66.1
C152	4030006900	S.CER C1608 JB 1H 103K-T	T	113.0/66.1
C153	4030006900	S.CER C1608 JB 1H 103K-T	T	108.6/74.5
C154	4030006900	S.CER C1608 JB 1H 103K-T	T	107.9/70.2
C155	4030019120	S.CER GRM188B31E105KA75D	T	105.9/70.3
C156	4030007130	S.CER C1608 CH 1H 101J-T	T	104.7/72.5
C157	4030007130	S.CER C1608 CH 1H 101J-T	T	99.5/71.8
C158	4030007090	S.CER C1608 CH 1H 470J-T	T	103.5/72.5
C159	4030019120	S.CER GRM188B31E105KA75D	T	110.4/65.9
C201	4030006900	S.CER C1608 JB 1H 103K-T	T	98.3/70.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C202	4030006900	S.CER C1608 JB 1H 103K-T	B	103.4/61.1
C203	4030006860	S.CER C1608 JB 1H 102K-T	T	99.9/59.6
C204	4030006860	S.CER C1608 JB 1H 102K-T	T	99.9/58.4
C205	4030011600	S.CER C1608 JB 1E 104K-T	T	104.5/56.3
C206	4030011600	S.CER C1608 JB 1E 104K-T	T	109.9/59.3
C207	4030006860	S.CER C1608 JB 1H 102K-T	T	105.9/63.3
C208	4030011810	S.CER C1608 JB 1A 224K-T	T	105.1/65.3
C221	4340000300	S.MYL ECHU 1C 223JX5	T	98.6/63.8
C222	4550000270	S.TAN TEESVA 1E 474M8R	T	98.3/61.7
C223	4340000300	S.MYL ECHU 1C 223JX5	T	90.8/61.5
C251	4030007010	S.CER C1608 CH 1H 100D-T	T	88.6/56.2
C253	4030006980	S.CER C1608 CH 1H 070D-T	T	82.1/55.7
C254	4030009920	S.CER C1608 CH 1H 050B-T	T	82.1/58.3
C255	4030009920	S.CER C1608 CH 1H 050B-T	T	82.3/61.0
C256	4030007130	S.CER C1608 CH 1H 101J-T	T	79.9/61.0
C257	4030006860	S.CER C1608 JB 1H 102K-T	T	78.7/60.9
C258	4030011600	S.CER C1608 JB 1E 104K-T	T	77.5/61.0
C259	4550006250	S.TAN TEESVA 1A 106M8R	T	76.8/57.1
C260	4510008540	S.ELE EEE1CA100SR	T	71.1/60.5
C261	4030006860	S.CER C1608 JB 1H 102K-T	B	78.0/60.4
C262	4550007080	S.TAN TEESVA 1C 106M8R	B	69.5/58.3
C271	4030009520	S.CER C1608 CH 1H 020B-T	B	83.2/59.6
C272	4030006860	S.CER C1608 JB 1H 102K-T	B	77.6/56.0
C273	4030011600	S.CER C1608 JB 1E 104K-T	B	79.2/56.0
C274	4030019560	S.CER GRM21BB31C106KE15L	B	79.5/53.7
C291	4030009520	S.CER C1608 CH 1H 020B-T	B	85.4/60.2
C292	4030006860	S.CER C1608 JB 1H 102K-T	T	92.3/53.8
C293	4030011600	S.CER C1608 JB 1E 104K-T	T	92.3/55.0
C294	4030006860	S.CER C1608 JB 1H 102K-T	B	94.8/53.6
C295	4550007080	S.TAN TEESVA 1C 106M8R	B	88.9/57.7
C301	4030006860	S.CER C1608 JB 1H 102K-T	B	53.8/39.8
C302	4030006860	S.CER C1608 JB 1H 102K-T	T	54.7/34.9
C303	4030011600	S.CER C1608 JB 1E 104K-T	T	54.7/36.1
C304	4030006860	S.CER C1608 JB 1H 102K-T	T	50.0/38.3
C305	4030011770	S.CER C1608 CH 1H 060B-T	T	48.8/38.3
C306	4030006980	S.CER C1608 CH 1H 070D-T	T	48.8/35.7
C307	4030007020	S.CER C1608 CH 1H 120J-T	T	47.6/38.3
C308	4030009550	S.CER C1608 CH 1H 2R5B-T	T	46.9/36.3
C309	4030006980	S.CER C1608 CH 1H 070D-T	T	46.1/38.3
C310	4030006980	S.CER C1608 CH 1H 070D-T	T	44.9/35.6
C311	4030007060	S.CER C1608 CH 1H 270J-T	T	43.7/35.6
C312	4030007000	S.CER C1608 CH 1H 090D-T	T	44.9/32.9
C351	4030019560	S.CER GRM21BB31C106KE15L	B	50.5/29.9
C352	4030011600	S.CER C1608 JB 1E 104K-T	T	52.1/32.7
C353	4030011600	S.CER C1608 JB 1E 104K-T	T	50.0/33.4
C354	4030011600	S.CER C1608 JB 1E 104K-T	T	44.2/29.2
C355	4030011600	S.CER C1608 JB 1E 104K-T	T	44.2/27.8
C356	4030011600	S.CER C1608 JB 1E 104K-T	T	44.2/26.4
C357	4030011600	S.CER C1608 JB 1E 104K-T	T	44.2/25.2
C358	4030011600	S.CER C1608 JB 1E 104K-T	T	47.7/19.6
C359	4030011600	S.CER C1608 JB 1E 104K-T	T	49.1/19.6
C360	4030011600	S.CER C1608 JB 1E 104K-T	T	50.5/19.6
C364	4030011600	S.CER C1608 JB 1E 104K-T	T	168.5/28.8
C365	4030011600	S.CER C1608 JB 1E 104K-T	T	170.9/31.9
C366	4030006860	S.CER C1608 JB 1H 102K-T	T	168.5/30.5
C367	4030011600	S.CER C1608 JB 1E 104K-T	T	82.5/7.7
C368	4550006010	S.TAN TEESVA 0G 106M8R	B	110.3/79.5
C369	4030011600	S.CER C1608 JB 1E 104K-T	B	107.2/81.1
C370	4030011600	S.CER C1608 JB 1E 104K-T	T	58.65/36
C371	4030011600	S.CER C1608 JB 1E 104K-T	B	172.7/22.6
C372	4030011600	S.CER C1608 JB 1E 104K-T	B	172.7/25.9
C373	4550006250	S.TAN TEESVA 1A 106M8R	T	146.4/28.0
C381	4030007090	S.CER C1608 CH 1H 470J-T	T	51.75/11.55
C382	4030007100	S.CER C1608 CH 1H 560J-T	T	54.9/10.8
C384	4030007090	S.CER C1608 CH 1H 470J-T	T	56.9/11.6
C404	4030007070	S.CER C1608 CH 1H 330J-T	B	48.9/48.5
C405	4030008560	S.CER C1608 CH 1H 300J-T	B	41.3/46.4
C407	4030007070	S.CER C1608 CH 1H 330J-T	T	38.4/46.8
C408	4030007010	S.CER C1608 CH 1H 100D-T	T	54.4/49.5
C411	4030006860	S.CER C1608 JB 1H 102K-T	T	32.5/34.7
C421	4030007090	S.CER C1608 CH 1H 470J-T	T	34.7/31.6
C422	4030007050	S.CER C1608 CH 1H 220J-T	T	32.8/31.1
C423	4030007110	S.CER C1608 CH 1H 680J-T	T	34.7/30.4
C424	4030011770	S.CER C1608 CH 1H 060B-T	T	32.0/28.0
C425	4030007100	S.CER C1608 CH 1H 560J-T	T	34.7/29.2
C426	4030007110	S.CER C1608 CH 1H 680J-T	T	32.8/26.0
C427	4030011280	S.CER C1608 CH 1H 271J-T	T	34.0/27.2
C428	4030007110	S.CER C1608 CH 1H 680J-T	T	34.7/25.3
C429	4030006860	S.CER C1608 JB 1H 102K-T	B	34.4/31.1
C430	4030006860	S.CER C1608 JB 1H 102K-T	B	34.4/26.5
C451	4030007050	S.CER C1608 CH 1H 220J-T	T	26.8/33.5
C452	4030007050	S.CER C1608 CH 1H 220J-T	T	26.8/31.1
C453	4030007100	S.CER C1608 CH 1H 560J-T	T	28.8/31.9
C454	4030006980	S.CER C1608 CH 1H 070D-T	T	26.4/29.2
C455	4030007070	S.CER C1608 CH 1H 330J-T	T	28.8/29.2
C456	4030007070	S.CER C1608 CH 1H 330J-T	T	26.4/26.5
C457	4030007090	S.CER C1608 CH 1H 470J-T	T	28.3/25.7
C458	4030007070	S.CER C1608 CH 1H 330J-T	T	27.1/24.2
C459	4030006860	S.CER C1608 JB 1H 102K-T	B	28.0/31.2
C460	4030006860	S.CER C1608 JB 1H 102K-T	B	28.9/26.6
C500	4030006860	S.CER C1608 JB 1H 102K-T	B	22.7/33.7
C501	4030006860	S.CER C1608 JB 1H 102K-T	T	31.4/21.4
C502	4030006860	S.CER C1608 JB 1H 102K-T	T	29.1/22.2
C503	4030006860	S.CER C1608 JB 1H 102K-T	T	23.2/19.5
C504	4030007050	S.CER C1608 CH 1H 220J-T	T	22.0/18.7
C505	4030007050	S.CER C1608 CH 1H 220J-T	T	22.0/21.4
C506	4030007070	S.CER C1608 CH 1H 330J-T	T	20.8/18.7
C507	4030007030	S.CER C1608 CH 1H 150J-T	T	21.3/23.7
C508	4030006980	S.CER C1608 CH 1H 070D-T	T	20.1/22.0
C509	4030007050	S.CER C1608 CH 1H 220J-T	T	19.3/18.7
C510	4030007110	S.CER C1608 CH 1H 680J-T	T	17.4/22.0
C511	4030011280	S.CER C1608 CH 1H 271J-T	T	17.4/20.7
C512	4030007110	S.CER C1608 CH 1H 680J-T	T	16.6/18.7
C551	4030006900	S.CER C1608 JB 1H 103K-T	T	97.1/70.3
C552	4030006860	S.CER C1608 JB 1H 102K-T	T	93.3/71.8

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C553	4030006860	S.CER C1608 JB 1H 102K-T	T	91.0/72.6
C554	4030007030	S.CER C1608 CH 1H 150J-T	B	82.6/77.5
C555	4030009500	S.CER C1608 CH 1H 0R5B-T	B	82.6/80.1
C556	4030007030	S.CER C1608 CH 1H 150J-T	B	82.6/85.2
C557	4030006860	S.CER C1608 JB 1H 102K-T	T	76.5/70.2
C571	4030006860	S.CER C1608 JB 1H 102K-T	B	87.2/89.5
C572	4030006860	S.CER C1608 JB 1H 102K-T	T	80.5/90.8
C573	4030006860	S.CER C1608 JB 1H 102K-T	B	85.3/93.4
C574	4030006860	S.CER C1608 JB 1H 102K-T	T	84.3/97.9
C661	4030006860	S.CER C1608 JB 1H 102K-T	T	63.1/106.8
C662	4030011600	S.CER C1608 JB 1E 104K-T	T	65.8/107.6
C663	4030011600	S.CER C1608 JB 1E 104K-T	T	76.5/107.1
C671	4030007070	S.CER C1608 CH 1H 330J-T	T	76.7/112.6
C674	4030007150	S.CER C1608 CH 1H 151J-T	T	72.8/112.9
C675	4030010760	S.CER C1608 CH 1H 331J-T	T	69.8/112.9
C676	4030007160	S.CER C1608 CH 1H 181J-T	T	65.7/112.9
C677	4030007090	S.CER C1608 CH 1H 470J-T	T	71.4/112.9
C678	4030007040	S.CER C1608 CH 1H 180J-T	T	67.8/113.4
C679	4030007080	S.CER C1608 CH 1H 390J-T	T	64.4/112.9
C680	4030007080	S.CER C1608 CH 1H 390J-T	T	63.0/112.9
C701	4030006860	S.CER C1608 JB 1H 102K-T	B	73.1/95.5
C702	4030011600	S.CER C1608 JB 1E 104K-T	T	70.4/95.2
C703	4030011600	S.CER C1608 JB 1E 104K-T	T	67.4/96.7
C704	4030011600	S.CER C1608 JB 1E 104K-T	T	60.9/96.9
C705	4030011600	S.CER C1608 JB 1E 104K-T	T	54.8/91.3
C706	4030011600	S.CER C1608 JB 1E 104K-T	T	58.1/83.1
C707	4030011600	S.CER C1608 JB 1E 104K-T	T	71.9/88.4
C708	4030019560	S.CER GRM21BB31C106KE15L	B	61.6/91.9
C709	4030011600	S.CER C1608 JB 1E 104K-T	T	73.6/88.0
C710	4030011600	S.CER C1608 JB 1E 104K-T	T	73.7/83.6
C712	4030006860	S.CER C1608 JB 1H 102K-T	B	71.0/95.4
C713	4030007050	S.CER C1608 CH 1H 220J-T	T	54.8/82.9
C715	4030007050	S.CER C1608 CH 1H 220J-T	T	48.6/83.8
C716	4030006860	S.CER C1608 JB 1H 102K-T	T	48.6/87.4
C717	4030011600	S.CER C1608 JB 1E 104K-T	T	48.1/95.6
C718	4030011600	S.CER C1608 JB 1E 104K-T	B	50.8/92.0
C719	4030011600	S.CER C1608 JB 1E 104K-T	B	61.5/83.6
C800	4030019120	S.CER GRM188B31E105KA75D	T	43.3/106.8
C801	4030011600	S.CER C1608 JB 1E 104K-T	B	44.2/105.7
C802	4030011600	S.CER C1608 JB 1E 104K-T	B	44.2/107.5
C803	4030006900	S.CER C1608 JB 1H 103K-T	T	35.8/107.1
C805	4030008870	S.CER C1608 JB 1H 183K-T	T	31.5/108.0
C807	4030006900	S.CER C1608 JB 1H 103K-T	T	28.7/110.3
C808	4030006900	S.CER C1608 JB 1H 103K-T	T	27.4/110.3
C810	4030006900	S.CER C1608 JB 1H 103K-T	T	25.4/111.0
C850	4030019120	S.CER GRM188B31E105KA75D	T	54.6/108.3
C851	4030006900	S.CER C1608 JB 1H 103K-T	T	51.2/105.5
C853	4030008870	S.CER C1608 JB 1H 183K-T	T	47.2/106.8
C855	4030006900	S.CER C1608 JB 1H 103K-T	T	44.2/109.6
C856	4030006900	S.CER C1608 JB 1H 103K-T	T	50.5/110.6
C858	4030006900	S.CER C1608 JB 1H 103K-T	T	50.2/114.2
C859	4030011600	S.CER C1608 JB 1E 104K-T	B	46.4/114.6
C901	4030006860	S.CER C1608 JB 1H 102K-T	B	37.9/117.1
C902	4030006860	S.CER C1608 JB 1H 102K-T	B	35.9/114.6
C903	4030007050	S.CER C1608 CH 1H 220J-T	B	31.6/109.3
C904	4030006860	S.CER C1608 JB 1H 102K-T	B	35.1/113.0
C981	4030007030	S.CER C1608 CH 1H 150J-T	T	14.6/112.2
C982	4030007010	S.CER C1608 CH 1H 100D-T	T	11.4/109.3
C983	4030007030	S.CER C1608 CH 1H 150J-T	T	15.1/102.4
C1001	4030006860	S.CER C1608 JB 1H 102K-T	T	71.8/30.1
C1002	4030006860	S.CER C1608 JB 1H 102K-T	T	77.2/31.6
C1003	4030011600	S.CER C1608 JB 1E 104K-T	T	77.2/32.8
C1004	4030006860	S.CER C1608 JB 1H 102K-T	T	79.9/31.3
C1005	4030006970	S.CER C1608 CH 1H 060D-T	T	79.9/32.5
C1006	4030006980	S.CER C1608 CH 1H 070D-T	T	81.1/30.1
C1007	4030007020	S.CER C1608 CH 1H 120J-T	T	81.9/32.0
C1008	4030009550	S.CER C1608 CH 1H 2R5B-T	T	84.3/29.3
C1009	4030006980	S.CER C1608 CH 1H 070D-T	T	83.1/32.0
C1010	4030006980	S.CER C1608 CH 1H 070D-T	T	85.8/29.3
C1011	4030007060	S.CER C1608 CH 1H 270J-T	T	87.0/29.3
C1012	4030007000	S.CER C1608 CH 1H 090D-T	T	88.2/29.3
C1051	4030019560	S.CER GRM21BB31C106KE15L	B	91.7/26.7
C1052	4030011600	S.CER C1608 JB 1E 104K-T	T	93.5/30.4
C1053	4030011600	S.CER C1608 JB 1E 104K-T	T	91.4/30.8
C1054	4030011600	S.CER C1608 JB 1E 104K-T	T	87.1/26.7
C1055	4030011600	S.CER C1608 JB 1E 104K-T	T	86.3/24.5
C1056	4030011600	S.CER C1608 JB 1E 104K-T	T	86.3/23.1
C1057	4030011600	S.CER C1608 JB 1E 104K-T	T	86.3/21.9
C1058	4030011600	S.CER C1608 JB 1E 104K-T	T	89.5/16.2
C1059	4030011600	S.CER C1608 JB 1E 104K-T	T	90.9/16.2
C1060	4030011600	S.CER C1608 JB 1E 104K-T	T	92.3/16.2
C1064	4030011600	S.CER C1608 JB 1E 104K-T	T	98.7/23.2
C1065	4030011600	S.CER C1608 JB 1E 104K-T	T	91.4/29.6
C1066	4030006860	S.CER C1608 JB 1H 102K-T	T	89.4/29.3
C1067	4030011600	S.CER C1608 JB 1E 104K-T	T	86.3/20.5
C1068	4550006010	S.TAN TEESVA 0G 106M8R	B	97.2/31.7
C1069	4030011600	S.CER C1608 JB 1E 104K-T	T	98.0/29.1
C1070	4030011600	S.CER C1608 JB 1E 104K-T	T	94.0/37.3
C1071	4030011600	S.CER C1608 JB 1E 104K-T	B	87.1/22.8
C1072	4030011600	S.CER C1608 JB 1E 104K-T	T	100.3/38.4
C1073	4550006250	S.TAN TEESVA 1A 106M8R	B	97.2/33.8
C1081	4030007070	S.CER C1608 CH 1H 330J-T	T	79.1/16.3
C1082	4030007090	S.CER C1608 CH 1H 470J-T	T	77.2/15.9
C1084	4030007070	S.CER C1608 CH 1H 330J-T	T	75.2/16.3
C1090	4030006860	S.CER C1608 JB 1H 102K-T	B	110.4/59.2
C1091	4030006860	S.CER C1608 JB 1H 102K-T	B	87.3/48.7
C1092	4030006860	S.CER C1608 JB 1H 102K-T	T	38.8/34.9
C1093	4030006860	S.CER C1608 JB 1H 102K-T	T	40.1/36.3
C1101	4030006880	S.CER C1608 JB 1H 472K-T	B	44.4/5.7
C1103	4030007060	S.CER C1608 CH 1H 270J-T	T	61.4/6.5
C1104	4030007100	S.CER C1608 CH 1H 560J-T	T	60.1/6.5
C1105	4030007030	S.CER C1608 CH 1H 150J-T	T	58.8/6.5
C1106	4030007150	S.CER C1608 CH 1H 151J-T	T	57.5/5.2
C1107	4030007050	S.CER C1608 CH 1H 220J-T	T	56.7/7.2
C1108	4030007050	S.CER C1608 CH 1H 220J-T	T	54.5/4.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C1109	4030009530	S.CER C1608 CH 1H 030B-T	T	54.0/7.2
C1110	4030007070	S.CER C1608 CH 1H 330J-T	T	53.3/4.1
C1111	4030009920	S.CER C1608 CH 1H 050B-T	T	50.9/6.8
C1112	4030007060	S.CER C1608 CH 1H 270J-T	T	52.1/4.1
C1113	4030007020	S.CER C1608 CH 1H 120J-T	T	50.9/4.1
C1171	4030006860	S.CER C1608 JB 1H 102K-T	T	47.3/5.3
C1172	4030006860	S.CER C1608 JB 1H 102K-T	T	46.1/4.2
C1173	4030006860	S.CER C1608 JB 1H 102K-T	T	42.3/5.9
C1174	4030007060	S.CER C1608 CH 1H 270J-T	T	37.5/10.9
C1175	4030007090	S.CER C1608 CH 1H 470J-T	T	37.5/8.3
C1176	4030007060	S.CER C1608 CH 1H 270J-T	T	37.5/5.9
C1177	4030007080	S.CER C1608 CH 1H 390J-T	T	37.5/4.7
C1178	4030007080	S.CER C1608 CH 1H 390J-T	T	35.5/4.2
C1179	4030006900	S.CER C1608 JB 1H 103K-T	B	26.2/10.9
C1180	4030006900	S.CER C1608 JB 1H 103K-T	T	29.4/10.0
C1181	4030009920	S.CER C1608 CH 1H 050B-T	T	33.3/10.0
C1182	4030009510	S.CER C1608 CH 1H 010B-T	T	26.3/7.8
C1183	4030009920	S.CER C1608 CH 1H 050B-T	T	19.0/9.5
C1184	4030009650	S.CER C1608 CH 1H 240J-T	T	27.0/4.7
C1185	4610001920	S.TRI TZC3Z060A110R00 (TZC03Z060A110)	T	29.5/5.7
C1186	4030009650	S.CER C1608 CH 1H 240J-T	T	25.5/4.7
C1187	4610001920	S.TRI TZC3Z060A110R00 (TZC03Z060A110)	T	23.0/5.7
C1188	4030006900	S.CER C1608 JB 1H 103K-T	T	21.7/9.5
C1189	4030006900	S.CER C1608 JB 1H 103K-T	T	24.8/10.7
C1190	4030006900	S.CER C1608 JB 1H 103K-T	B	17.2/7.4
C1191	4030009560	S.CER C1608 CH 1H R75B-T	T	26.3/6.6
C1201	4030006860	S.CER C1608 JB 1H 102K-T	T	102.1/46.9
C1202	4030006880	S.CER C1608 JB 1H 472K-T	T	104.1/46.3
C1203	4030007150	S.CER C1608 CH 1H 151J-T	T	85.9/5.8
C1204	4030009650	S.CER C1608 CH 1H 240J-T	T	87.1/5.8
C1205	4030008560	S.CER C1608 CH 1H 300J-T	T	87.1/8.5
C1206	4030007130	S.CER C1608 CH 1H 101J-T	T	88.3/8.5
C1207	4030007100	S.CER C1608 CH 1H 560J-T	T	89.5/8.5
C1208	4030007040	S.CER C1608 CH 1H 180J-T	T	89.5/5.8
C1209	4030009920	S.CER C1608 CH 1H 050B-T	T	92.7/8.0
C1210	4030007090	S.CER C1608 CH 1H 470J-T	T	94.6/5.8
C1212	4030007080	S.CER C1608 CH 1H 390J-T	T	95.8/5.8
C1213	4030006860	S.CER C1608 JB 1H 102K-T	T	99.6/5.3
C1214	4030011600	S.CER C1608 JB 1E 104K-T	T	102.3/5.3
C1215	4030006860	S.CER C1608 JB 1H 102K-T	T	102.6/9.1
C1216	4030007040	S.CER C1608 CH 1H 180J-T	T	90.7/7.6
C1217	4030006860	S.CER C1608 JB 1H 102K-T	B	95.5/7.4
C1218	4030006860	S.CER C1608 JB 1H 102K-T	T	97.1/4.6
C1219	4030007090	S.CER C1608 CH 1H 470J-T	T	92.7/9.2
C1220	4030019120	S.CER GRM188B31E105KA75D	B	97.1/4.6
C1233	4030007030	S.CER C1608 CH 1H 150J-T	T	105.9/17.3
C1234	4030007090	S.CER C1608 CH 1H 470J-T	T	108.0/18.1
C1235	4030007040	S.CER C1608 CH 1H 180J-T	T	106.7/19.4
C1236	4030007040	S.CER C1608 CH 1H 180J-T	T	109.5/20.7
C1237	4030006990	S.CER C1608 CH 1H 080D-T	T	106.7/20.7
C1238	4030007070	S.CER C1608 CH 1H 330J-T	T	109.5/23.5
C1239	4030009910	S.CER C1608 CH 1H 040B-T	T	107.4/24.2
C1240	4030007040	S.CER C1608 CH 1H 180J-T	T	109.5/25.0
C1263	4030006860	S.CER C1608 JB 1H 102K-T	T	106.7/27.6
C1264	4030006860	S.CER C1608 JB 1H 102K-T	T	106.7/28.9
C1265	4030006860	S.CER C1608 JB 1H 102K-T	T	109.5/32.6
C1267	4030019120	S.CER GRM188B31E105KA75D	B	108.9/30.9
C1273	4030006980	S.CER C1608 CH 1H 070D-T	T	109.7/35.7
C1274	4030007060	S.CER C1608 CH 1H 270J-T	T	107.7/36.4
C1275	4030007000	S.CER C1608 CH 1H 090D-T	T	106.5/36.4
C1276	4030006990	S.CER C1608 CH 1H 080D-T	T	109.7/38.4
C1277	4030009920	S.CER C1608 CH 1H 050B-T	T	107.7/39.1
C1278	4030007020	S.CER C1608 CH 1H 120J-T	T	109.7/39.9
C1279	4030009540	S.CER C1608 CH 1H 1R5B-T	T	107.0/42.3
C1280	4030007000	S.CER C1608 CH 1H 090D-T	T	109.7/41.1
C1284	4030007020	S.CER C1608 CH 1H 120J-T	T	110.9/42.3
C1285	4030007040	S.CER C1608 CH 1H 180J-T	T	110.9/43.5
C1286	4030007020	S.CER C1608 CH 1H 120J-T	T	110.9/45.9
C1303	4030007130	S.CER C1608 CH 1H 101J-T	T	74.2/41.1
C1304	4030007150	S.CER C1608 CH 1H 151J-T	T	75.0/39.1
C1305	4030007100	S.CER C1608 CH 1H 560J-T	T	75.7/41.1
C1306	4030011340	S.CER C1608 CH 1H 471J-T	T	76.9/41.1
C1307	4030007120	S.CER C1608 CH 1H 820J-T	T	78.9/41.8
C1308	4030007130	S.CER C1608 CH 1H 101J-T	T	78.1/37.5
C1309	4030007110	S.CER C1608 CH 1H 680J-T	T	78.9/39.4
C1310	4030007160	S.CER C1608 CH 1H 181J-T	T	79.6/37.5
C1311	4030007050	S.CER C1608 CH 1H 220J-T	T	82.0/38.4
C1312	4030007140	S.CER C1608 CH 1H 121J-T	T	83.2/38.4
C1401	4030011600	S.CER C1608 JB 1E 104K-T	T	26.8/47.8
C1402	4030011600	S.CER C1608 JB 1E 104K-T	T	27.7/58.3
C1451	4030011600	S.CER C1608 JB 1E 104K-T	T	55.7/20.4
C1452	4030011600	S.CER C1608 JB 1E 104K-T	T	71.9/16.7
C1453	4030011600	S.CER C1608 JB 1E 104K-T	T	56.7/48.6
C1454	4030011600	S.CER C1608 JB 1E 104K-T	T	65.4/5.6
C1455	4030011600	S.CER C1608 JB 1E 104K-T	T	80.7/2.0
C1456	4030011600	S.CER C1608 JB 1E 104K-T	T	71.6/38.2
C1501	4030006860	S.CER C1608 JB 1H 102K-T	T	64.2/70.0
C1502	4030011600	S.CER C1608 JB 1E 104K-T	T	64.0/71.9
C1503	4030011600	S.CER C1608 JB 1E 104K-T	T	60.2/75.6
C1504	4030011600	S.CER C1608 JB 1E 104K-T	T	50.8/77.1
C1505	4030011600	S.CER C1608 JB 1E 104K-T	T	44.8/71.0
C1506	4030011600	S.CER C1608 JB 1E 104K-T	T	51.4/61.9
C1507	4030011600	S.CER C1608 JB 1E 104K-T	T	62.1/68.8
C1508	4030019460	S.CER C1608 JB 0J 106M-T	B	52.8/72.7
C1509	4030007050	S.CER C1608 CH 1H 220J-T	T	44.8/62.6
C1511	4030007050	S.CER C1608 CH 1H 220J-T	T	38.6/63.1
C1512	4030006860	S.CER C1608 JB 1H 102K-T	T	38.6/66.7
C1513	4030011600	S.CER C1608 JB 1E 104K-T	T	38.0/74.9
C1514	4030011600	S.CER C1608 JB 1E 104K-T	B	39.0/72.5
C1515	4030019120	S.CER GRM188B31E105KA75D	B	47.1/110.9
C1701	4030006900	S.CER C1608 JB 1H 103K-T	B	43.0/101.6
C1702	4030006900	S.CER C1608 JB 1H 103K-T	B	43.0/103.7
C1703	4030011330	S.CER C1608 CH 1H 391J-T	T	36.8/103.9

[PLL UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C1705	4030009490	S.CER C1608 JB 1H 821K-T	T	32.2/103.6
C1707	4030011330	S.CER C1608 CH 1H 391J-T	T	31.2/100.9
C1708	4030007160	S.CER C1608 CH 1H 181J-T	T	30.5/98.6
C1710	4030007160	S.CER C1608 CH 1H 181J-T	T	29.0/99.9
C1801	4030006900	S.CER C1608 JB 1H 103K-T	B	44.8/91.0
C1802	4030006900	S.CER C1608 JB 1H 103K-T	B	34.7/74.6
C1803	4030009490	S.CER C1608 JB 1H 821K-T	B	33.0/74.6
C1805	4030010020	S.CER C1608 JB 1H 122K-T	B	33.0/77.8
C1807	4030009490	S.CER C1608 JB 1H 821K-T	B	33.4/80.5
C1808	4030011280	S.CER C1608 CH 1H 271J-T	B	36.7/80.5
C1810	4030011280	S.CER C1608 CH 1H 271J-T	B	37.2/82.3
C1851	4030006860	S.CER C1608 JB 1H 102K-T	T	46.9/99.8
C1852	4030006860	S.CER C1608 JB 1H 102K-T	B	34.1/96.3
C1853	4030007050	S.CER C1608 CH 1H 220J-T	B	37.0/94.8
C1854	4030006860	S.CER C1608 JB 1H 102K-T	B	40.9/97.3
C1881	4030007020	S.CER C1608 CH 1H 120J-T	T	38.6/86.8
C1882	4030007000	S.CER C1608 CH 1H 090D-T	T	35.7/90.8
C1883	4030007020	S.CER C1608 CH 1H 120J-T	T	28.7/87.3
C1901	4030006900	S.CER C1608 JB 1H 103K-T	B	47.0/86.8
C1902	4030006900	S.CER C1608 JB 1H 103K-T	T	31.4/68.7
C1903	4030011340	S.CER C1608 CH 1H 471J-T	T	29.5/67.6
C1905	4030009490	S.CER C1608 JB 1H 821K-T	T	27.7/68.3
C1907	4030011340	S.CER C1608 CH 1H 471J-T	T	27.7/69.6
C1908	4030007150	S.CER C1608 CH 1H 151J-T	T	24.1/72.6
C1910	4030007150	S.CER C1608 CH 1H 151J-T	T	24.1/75.2
C2001	4030006860	S.CER C1608 JB 1H 102K-T	T	98.6/76.6
C2002	4030011600	S.CER C1608 JB 1E 104K-T	T	100.7/77.1
C2003	4030011600	S.CER C1608 JB 1E 104K-T	T	103.1/80.3
C2004	4030011600	S.CER C1608 JB 1E 104K-T	T	104.2/92.6
C2005	4030011600	S.CER C1608 JB 1E 104K-T	T	98.8/95.7
C2006	4030011600	S.CER C1608 JB 1E 104K-T	T	89.7/89.7
C2007	4030011600	S.CER C1608 JB 1E 104K-T	T	97.1/78.9
C2008	4030019460	S.CER C1608 JB 0J 106M-T	B	96.8/83.4
C2009	4030007050	S.CER C1608 CH 1H 220J-T	T	91.6/98.5
C2011	4030007050	S.CER C1608 CH 1H 220J-T	T	93.4/102.0
C2012	4030006860	S.CER C1608 JB 1H 102K-T	T	97.0/102.0
C2013	4030011600	S.CER C1608 JB 1E 104K-T	T	104.3/102.9
C2101	4030011340	S.CER C1608 CH 1H 471J-T	B	102.7/99.4
C2103	4030009580	S.CER C1608 JB 1H 681K-T	B	106.7/102.7
C2105	4030011340	S.CER C1608 CH 1H 471J-T	B	111.3/99.2
C2106	4030011280	S.CER C1608 CH 1H 271J-T	B	106.9/105.9
C2108	4030011280	S.CER C1608 CH 1H 271J-T	B	106.4/108.8
C2121	4030006900	S.CER C1608 JB 1H 103K-T	T	85.8/105.7
C2122	4030006900	S.CER C1608 JB 1H 103K-T	T	83.4/105.7
C2151	4030006860	S.CER C1608 JB 1H 102K-T	B	83.8/110.6
C2152	4030006860	S.CER C1608 JB 1H 102K-T	T	86.7/118.3
C2153	4030007050	S.CER C1608 CH 1H 220J-T	B	89.2/112.9
C2154	4030006860	S.CER C1608 JB 1H 102K-T	T	87.1/113.1
C2171	4030011600	S.CER C1608 JB 1E 104K-T	B	104.6/116.0
C2181	4030007020	S.CER C1608 CH 1H 120J-T	T	101.5/107.9
C2182	4030007000	S.CER C1608 CH 1H 090D-T	T	98.6/111.9
C2183	4030007020	S.CER C1608 CH 1H 120J-T	T	91.4/109.0
C2184	4030006860	S.CER C1608 JB 1H 102K-T	B	88.8/104.9
J1	6510022472	S.CON 40FLT-SM2-TB(LF)(SN)(M)	T	8.5/39.3
J81	6510019991	S.CON 52808-2271(2291)	T	5.0/67.0
J501	6510028210	CON SJ050010 (TMP-J01X-V6)		
J571	6510028210	CON SJ050010 (TMP-J01X-V6)		
J601	6510028210	CON SJ050010 (TMP-J01X-V6)		
J701	6510028210	CON SJ050010 (TMP-J01X-V6)		
J851	6510028210	CON SJ050010 (TMP-J01X-V6)		
J852	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1171	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1281	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1301	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1701	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1801	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1901	6510028210	CON SJ050010 (TMP-J01X-V6)		
EP6	6910014640	S.BEA MPZ2012S221A-T	T	4.4/32.4
EP7	6910014640	S.BEA MPZ2012S221A-T	T	4.4/34.2
EP8	6910014640	S.BEA MPZ2012S221A-T	T	4.4/36.0
EP9	6910014640	S.BEA MPZ2012S221A-T	T	4.4/38.7
EP10	6910014640	S.BEA MPZ2012S221A-T	B	10.4/39.4
EP11	6910014640	S.BEA MPZ2012S221A-T	B	10.6/42.8
EP83	6910014690	S.BEA MPZ1608S221A-T	T	10.0/73.6
EP84	6910014690	S.BEA MPZ1608S221A-T	T	10.0/72.4
EP85	6910014690	S.BEA MPZ1608S221A-T	T	10.0/71.2
EP86	6910014690	S.BEA MPZ1608S221A-T	T	10.0/70.0
EP95	6910014690	S.BEA MPZ1608S221A-T	T	10.0/59.2
EP96	6910014690	S.BEA MPZ1608S221A-T	T	10.0/58.0
EP121	6910014640	S.BEA MPZ2012S221A-T	T	18.1/38.1
EP151	6910002161	CAS CASE-BM7H-LF		
EP354	6910002161	CAS CASE-BM7H-LF		
EP355	6910012350	S.BEA MMZ1608Y 102BT	B	47.8/21.5
EP500	6910012350	S.BEA MMZ1608Y 102BT	B	20.8/31.8
EP501	6910012350	S.BEA MMZ1608Y 102BT	B	16.3/28.5
EP661	6910012350	S.BEA MMZ1608Y 102BT	B	71.3/106.4
EP663	6910012350	S.BEA MMZ1608Y 102BT	B	68.2/105.2
EP701	6910012350	S.BEA MMZ1608Y 102BT	B	59.2/84.5
EP1054	6910002161	CAS CASE-BM7H-LF		
EP1055	6910012350	S.BEA MMZ1608Y 102BT	B	88.7/21.3
EP1101	6910012350	S.BEA MMZ1608Y 102BT	B	43.7/8.0
EP1171	6910012350	S.BEA MMZ1608Y 102BT	T	27.5/10.7
EP1201	6910012350	S.BEA MMZ1608Y 102BT	T	102.1/45.6
EP1203	6910012350	S.BEA MMZ1608Y 102BT	T	97.1/8.5
EP1210	6910012350	S.BEA MMZ1608Y 102BT	B	91.5/7.3
EP1261	6910012350	S.BEA MMZ1608Y 102BT	B	106.6/28.3
EP1451	6910012350	S.BEA MMZ1608Y 102BT	B	55.7/45.7
EP1501	6910012350	S.BEA MMZ1608Y 102BT	B	53.5/74.0
EP2001	6910012350	S.BEA MMZ1608Y 102BT	B	102.9/78.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC303	1130011530	S.IC	CD74HC4094M96	B	66.7/21.2
IC305	1130011530	S.IC	CD74HC4094M96	B	77.1/21.2
IC601	1110006420	S.IC	UPC2708TB-E3-A	T	44.9/14.3
IC1121	1130012900	S.IC	TC74LCX00FT (EL)	T	96.9/13.1
IC1221	1110005450	S.IC	TS522IDT	B	117.2/42.7
IC1222	1110006190	S.IC	NJM074M-TE1-#ZZZB	B	116.3/29.6
Q309	1590003790	S.TRA	KRC404E RTK/P	T	61.7/21.0
Q310	1590003770	S.TRA	KRA302E-RTK/P	T	59.3/21.0
Q311	1590003790	S.TRA	KRC404E RTK/P	T	61.7/18.9
Q312	1590003770	S.TRA	KRA302E-RTK/P	T	59.3/18.9
Q317	1590003790	S.TRA	KRC404E RTK/P	T	64.1/17.8
Q319	1590003790	S.TRA	KRC404E RTK/P	T	66.1/17.8
Q321	1590003790	S.TRA	KRC404E RTK/P	T	82.1/17.8
Q323	1590003790	S.TRA	KRC404E RTK/P	T	70.1/17.8
Q325	1590003790	S.TRA	KRC404E RTK/P	T	76.1/17.8
Q327	1590003790	S.TRA	KRC404E RTK/P	T	78.1/18.0
Q329	1590003790	S.TRA	KRC404E RTK/P	T	80.1/17.8
Q331	1590003790	S.TRA	KRC404E RTK/P	T	68.1/17.8
Q333	1590003790	S.TRA	KRC404E RTK/P	T	72.1/17.8
Q335	1590003790	S.TRA	KRC404E RTK/P	T	74.1/18.0
Q337	1590003790	S.TRA	KRC404E RTK/P	T	84.1/17.8
Q481	1540000550	S.TRA	2SD1664 T100Q	T	55.4/11.1
Q482	1530003900	S.TRA	KTC4075 BL-RTK/P	T	50.8/13.5
Q491	1540000550	S.TRA	2SD1664 T100Q	T	54.9/17.6
Q492	1530003900	S.TRA	KTC4075 BL-RTK/P	T	50.4/20.1
Q601	1590003770	S.TRA	KRA302E-RTK/P	T	39.8/11.0
Q602	1590003790	S.TRA	KRC404E RTK/P	T	39.9/8.8
Q611	1580000820	S.FET	3SK264-5-TG-E	T	41.1/53.0
Q701	1590003790	S.TRA	KRC404E RTK/P	T	51.0/7.9
Q702	1590003770	S.TRA	KRA302E-RTK/P	T	48.6/7.9
Q721	1560000641	S.FET	2SK1740-4/5-TB-E	B	32.0/38.6
Q722	1560000641	S.FET	2SK1740-4/5-TB-E	T	27.9/38.6
Q723	1560000641	S.FET	2SK1740-4/5-TB-E	T	32.0/38.6
Q724	1560000641	S.FET	2SK1740-4/5-TB-E	B	28.3/38.6
Q725	1590003770	S.TRA	KRA302E-RTK/P	T	37.6/51.0
Q726	1590003790	S.TRA	KRC404E RTK/P	T	35.2/54.4
Q741	1530003340	S.TRA	2SC3357-T1 RF	T	35.7/60.5
Q811	1530003340	S.TRA	2SC3357-T1 RF	T	7.9/35.2
Q861	1590003770	S.TRA	KRA302E-RTK/P	T	21.7/27.0
Q862	1590003770	S.TRA	KRA302E-RTK/P	T	21.7/24.2
Q863	1590003790	S.TRA	KRC404E RTK/P	T	24.0/24.2
Q864	1560001360	S.FET	2SK3019 TL	T	24.0/27.0
Q865	1590003770	S.TRA	KRA302E-RTK/P	T	21.7/21.3
Q866	1590003790	S.TRA	KRC404E RTK/P	T	24.0/21.3
Q1051	1530003842	S.TRA	2SC5501A-4-TR-E	T	96.0/53.6
Q1071	1530003021	S.TRA	2SC4402-3-TL-E	B	98.7/57.8
Q1072	1530003021	S.TRA	2SC4402-3-TL-E	B	103.2/59.4
Q1141	1530003950	S.TRA	KTC4080 Y-RTK/P	T	90.2/14.4
Q1201	1530004011	S.TRA	KTC3770U-C-RTK/P	T	107.7/29.2
Q1251	1530004011	S.TRA	KTC3770U-C-RTK/P	T	107.7/37.3
D481	1750001180	S.DIO	KDS122 RTK/P	T	51.5/10.4
D491	1750001180	S.DIO	KDS122 RTK/P	T	50.8/16.9
D601	1750000581	S.DIO	1SV307(TPH3F)	B	46.0/62.0
D602	1750000581	S.DIO	1SV307(TPH3F)	B	38.3/9.5
D651	1750000431	S.DIO	HSB88WSTR-E	T	40.5/29.1
D701	1750000581	S.DIO	1SV307(TPH3F)	B	39.4/6.8
D702	1750000581	S.DIO	1SV307(TPH3F)	B	45.2/6.0
D781	1750000581	S.DIO	1SV307(TPH3F)	B	46.0/63.7
D851	1750000581	S.DIO	1SV307(TPH3F)	B	15.2/37.2
D852	1750000581	S.DIO	1SV307(TPH3F)	B	14.2/39.9
D861	1750000581	S.DIO	1SV307(TPH3F)	T	13.3/31.0
D862	1750000581	S.DIO	1SV307(TPH3F)	T	10.1/31.0
D863	1750000581	S.DIO	1SV307(TPH3F)	T	12.5/22.0
D864	1750000581	S.DIO	1SV307(TPH3F)	T	10.5/22.0
D865	1750001320	S.DIO	KDS4148U RTK/P	B	69.5/7.4
D866	1750001320	S.DIO	KDS4148U RTK/P	B	71.1/9.2
D867	1750000581	S.DIO	1SV307(TPH3F)	T	8.3/30.9
D868	1750000581	S.DIO	1SV307(TPH3F)	T	8.7/22.0
D869	1750001320	S.DIO	KDS4148U RTK/P	B	22.6/24.3
D870	1750001320	S.DIO	KDS4148U RTK/P	B	22.6/21.4
D911	1750000581	S.DIO	1SV307(TPH3F)	B	51.2/58.8
D912	1750000581	S.DIO	1SV307(TPH3F)	B	81.4/58.0
D931	1750000581	S.DIO	1SV307(TPH3F)	B	51.2/54.7
D932	1750000581	S.DIO	1SV307(TPH3F)	B	81.4/54.9
D951	1750000581	S.DIO	1SV307(TPH3F)	B	48.2/51.8
D952	1750000581	S.DIO	1SV307(TPH3F)	B	84.6/51.8
D1011	1750000581	S.DIO	1SV307(TPH3F)	B	85.7/64.4
D1031	1750000581	S.DIO	1SV307(TPH3F)	B	85.5/59.3
D1101	1750000431	S.DIO	HSB88WSTR-E	T	93.3/34.6
D1102	1750000431	S.DIO	HSB88WSTR-E	T	100.9/31.4
FI911	2030000800	S.MON	MFT64.4R 64.455 MHz (FL-434)	T	66.5/62.9
L501	6200005491	S.COI	NLV32T-331J	B	36.0/15.6
L601	6200005011	S.COI	NLV25T-100J	B	45.7/56.1
L602	6200005491	S.COI	NLV32T-331J	B	45.1/13.3
L603	6200005041	S.COI	NLV25T-220J	T	42.3/13.9
L611	6200002611	S.COI	NLV25T-R47J	B	42.6/55.6
L612	6150004280	COI	LS-484B (C-14927)		
L613	6200005011	S.COI	NLV25T-100J	B	44.6/51.2
L631	6200004600	S.COI	MLF1608D R15K-T	B	46.5/42.6
L632	6200004600	S.COI	MLF1608D R15K-T	B	44.5/35.7
L651	6130002961	S.COI	#617DB-1327=P3	T	40.5/35.6
L652	6130002961	S.COI	#617DB-1327=P3	T	40.5/22.6
L671	6200002431	S.COI	NLV25T-082J	B	41.3/22.4
L672	6200002641	S.COI	NLV25T-R15J	B	46.1/21.0
L701	6200005491	S.COI	NLV32T-331J	T	45.3/7.2
L702	6200010660	S.COI	C2520C-R15G-A (0.15U)	T	35.6/7.8
L703	6200010660	S.COI	C2520C-R15G-A (0.15U)	T	36.1/11.3

[RF-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L704	6200010860	S.COI	C2520C-R10G-A (0.1U)	T	35.2/16.3
L721	6140004680	S.COI	LR-528 4KBL	T	30.2/23.9
L722	6200009060	S.COI	LQH32CN101K23L	B	36.2/49.6
L723	6150005320	COI	LS-546 7K7		
L741	6200005011	S.COI	NLV25T-100J	B	36.6/58.3
L742	6200005011	S.COI	NLV25T-100J	T	42.1/66.0
L743	6200010740	S.COI	C2520C-R27G-A	T	37.9/65.5
L781	6200005011	S.COI	NLV25T-100J	B	41.7/63.6
L811	6200003281	S.COI	NLV25T-2R2J	T	12.4/35.2
L812	6200005011	S.COI	NLV25T-100J	B	15.0/32.6
L831	6200011680	S.COI	LQW18ANR12G00D	T	8.5/43.5
L832	6200011650	S.COI	LQW18AN68NG00D	T	10.5/42.7
L833	6200011650	S.COI	LQW18AN68NG00D	T	12.4/43.5
L851	6130002961	S.COI	#617DB-1327=P3	T	19.8/38.6
L852	6200005011	S.COI	NLV25T-100J	B	11.6/45.1
L853	6200005011	S.COI	NLV25T-100J	B	45.0/33.2
L854	6200005011	S.COI	NLV25T-100J	B	22.6/41.9
L855	6200008080	S.COI	LQW2BHNR22J03L	T	21.2/42.0
L856	6200008080	S.COI	LQW2BHNR22J03L	T	21.2/35.1
L861	6200011770	S.COI	LQW18ANR10G00D	T	14.0/24.4
L862	6200011770	S.COI	LQW18ANR10G00D	T	16.0/21.2
L863	6200011770	S.COI	LQW18ANR10G00D	T	16.0/26.4
L864	6200009250	S.COI	LQW18ANR22G00D		
			(LQW1608AR22G00)	T	16.4/28.4
L865	6200003281	S.COI	NLV25T-2R2J	B	19.3/17.2
L866	6200003281	S.COI	NLV25T-2R2J	B	5.2/32.0
L867	6200003281	S.COI	NLV25T-2R2J	B	10.5/25.4
L868	6200011660	S.COI	LQW18ANR15G00D	T	7.0/24.4
L869	6200011670	S.COI	LQW18AN82NG00D	T	5.0/21.7
L870	6200011770	S.COI	LQW18ANR10G00D	T	5.0/26.7
L871	6200006671	S.COI	ELJRE 68NGFA	T	12.2/27.2
L901	6200005011	S.COI	NLV25T-100J	B	48.7/66.2
L902	6200005011	S.COI	NLV25T-100J	B	51.2/66.2
L903	6200005011	S.COI	NLV25T-100J	B	81.1/65.4
L911	6200005011	S.COI	NLV25T-100J	B	57.0/55.7
L912	6200010870	S.COI	C2520C-R33G-A (0.33U)	T	55.3/64.5
L915	6200010870	S.COI	C2520C-R33G-A (0.33U)	T	77.8/61.3
L916	6200005011	S.COI	NLV25T-100J	B	74.7/55.7
L931	6200005011	S.COI	NLV25T-100J	B	55.2/52.4
L932	6200005011	S.COI	NLV25T-100J	B	66.2/53.4
L951	6200005011	S.COI	NLV25T-100J	B	53.3/37.1
L952	6200005011	S.COI	NLV25T-100J	B	79.8/37.1
L1001	6200005011	S.COI	NLV25T-100J	B	83.6/66.2
L1011	6200005011	S.COI	NLV25T-100J	B	88.0/64.4
L1031	6200005011	S.COI	NLV25T-100J	B	87.1/54.0
L1032	6200010860	S.COI	C2520C-R10G-A (0.1U)	T	85.5/59.6
L1033	6200010720	S.COI	C2520C-56NG-A	T	89.2/58.8
L1051	6140003930	COI	LR-492		
L1071	6190001621	COI	#E544EN-100028		
L1072	6200005011	S.COI	NLV25T-100J	B	107.8/56.4
L1101	6140002810	S.COI	LR-317	T	93.1/40.8
L1102	6140002810	S.COI	LR-317	T	100.9/37.6
L1103	6140002810	S.COI	LR-317	T	93.3/28.4
L1104	6140002810	S.COI	LR-317	T	100.9/25.2
L1121	6200010670	S.COI	C2520C-R18G-A (0.18U)	T	103.0/16.6
L1122	6200005011	S.COI	NLV25T-100J	B	101.6/11.7
L1141	6200005011	S.COI	NLV25T-100J	B	92.3/17.2
L1221	6200003520	S.COI	ELJFB 102K-F	B	108.1/46.3
R301	7030003860	S.RES	ERJ3GE JPW V	T	73.5/22.5
R314	7030003860	S.RES	ERJ3GE JPW V	T	58.9/32.5
R315	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	58.4/50.1
R316	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	57.0/37.5
R317	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	66.1/14.7
R319	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	67.3/14.7
R321	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	77.8/13.9
R323	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	69.7/14.7
R325	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	73.9/14.7
R326	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	79.5/25.9
R327	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	75.1/14.7
R329	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	77.0/15.4
R331	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	68.5/14.7
R333	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	71.2/14.7
R335	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	72.4/14.7
R343	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	79.8/14.7
R351	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	63.7/14.7
R352	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	64.9/14.7
R353	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	62.5/14.7
R451	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	69.1/28.0
R452	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	72.7/28.1
R453	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	70.9/27.3
R454	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	67.0/28.0
R455	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)	T	62.6/30.7
R456	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)	T	62.6/29.4
R457	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	85.2/31.2
R458	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	83.9/31.2
R459	7030003860	S.RES	ERJ3GE JPW V	B	73.8/32.7
R481	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	53.5/14.4
R482	7030000200	S.RES	MCR10EZHJ 33 (330)	B	51.2/12.1
R483	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	51.0/17.6
R484	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	51.0/16.0
R485	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	51.0/14.4
R491	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	53.5/20.9
R492	7030000200	S.RES	MCR10EZHJ 33 (330)	B	52.6/27.1
R493	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	50.8/24.2
R494	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	50.8/22.6
R495	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	50.8/21.0
R496	7030000200	S.RES	MCR10EZHJ 33 (330)	B	54.6/27.1
R501	7030006260	S.RES	ERJ12YJ471U (470)	B	35.1/10.8
R601	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	46.0/58.8
R602	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	41.2/13.3
R603	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	44.7/10.0
R604	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	44.7/11.2
R605	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	46.7/11.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R606	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	41.1/16.2
R611	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	44.1/53.3
R612	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	T	39.0/56.1
R613	7030003220	S.RES ERJ3GEYJ 150 V (15)	T	38.8/53.4
R615	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	46.4/56.1
R616	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	44.1/52.0
R617	7030003260	S.RES ERJ3GEYJ 330 V (33)	T	43.5/56.1
R618	7510001561	S.THE NTCG16 4BH 102JT	T	40.2/56.1
R671	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	37.8/23.1
R701	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	41.9/6.9
R702	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	47.5/5.2
R703	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	51.5/6.0
R704	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	47.5/6.8
R705	7030003600	S.RES ERJ3GEYJ 223 V (22K)	B	53.8/6.8
R706	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	48.8/5.1
R721	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	29.4/29.0
R722	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	26.6/29.0
R723	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	30.9/29.0
R724	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	32.5/29.0
R725	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	27.9/34.1
R726	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	32.2/34.1
R741	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	32.6/56.4
R742	7030003250	S.RES ERJ3GEYJ 270 V (27)	B	36.5/61.0
R743	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	38.9/61.5
R744	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	41.5/62.7
R746	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	34.2/60.3
R761	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	38.0/67.0
R762	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	38.0/65.4
R763	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	41.1/67.0
R781	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	44.2/65.3
R811	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	T	4.9/30.8
R812	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	4.1/33.9
R813	7030003380	S.RES ERJ3GEYJ 331 V (330)	T	12.0/33.3
R814	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)	T	12.0/37.1
R851	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	12.6/42.2
R852	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	15.2/42.2
R853	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	19.1/41.5
R854	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	16.5/41.5
R855	7030003860	S.RES ERJ3GE JPW V	B	33.3/33.1
R856	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	39.5/33.1
R857	7030003860	S.RES ERJ3GE JPW V	B	36.4/33.1
R858	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	23.7/40.0
R859	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	23.7/37.2
R861	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	14.8/23.5
R862	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	14.8/29.5
R863	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	10.3/25.0
R864	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	10.3/28.1
R865	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	8.7/32.0
R866	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	15.8/18.2
R867	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	20.0/24.5
R868	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	20.0/27.3
R870	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	6.7/22.7
R871	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	6.7/29.1
R872	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	22.3/26.1
R873	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	20.0/21.7
R901	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	48.7/62.7
R902	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	50.4/62.0
R903	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	82.3/61.9
R911	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	53.0/56.6
R912	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	78.2/56.8
R931	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	52.9/52.1
R932	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	72.3/53.4
R951	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	53.7/40.6
R952	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	80.8/39.9
R1001	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	83.9/62.7
R1011	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	87.5/66.9
R1021	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	88.3/67.4
R1022	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	90.4/68.1
R1023	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	92.4/67.4
R1031	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	87.1/57.5
R1051	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	93.1/54.2
R1052	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	93.1/52.9
R1053	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	93.1/51.6
R1054	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	96.1/54.7
R1055	7030003300	S.RES ERJ3GEYJ 680 V (68)	B	95.9/58.6
R1057	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	90.0/51.2
R1058	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	95.2/50.9
R1071	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	101.0/59.5
R1072	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	100.4/54.5
R1073	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	102.3/56.1
R1074	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	103.1/54.0
R1075	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	105.3/61.9
R1076	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	106.8/61.9
R1077	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	106.1/63.9
R1078	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	107.6/59.8
R1079	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	108.4/59.9
R1121	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	96.1/16.5
R1122	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	97.9/16.5
R1123	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	99.4/16.6
R1124	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	96.6/16.6
R1125	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	93.8/16.6
R1141	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	88.2/15.5
R1142	7030003630	S.RES ERJ3GEYJ 393 V (39K)	T	88.2/12.9
R1143	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	95.5/8.8
R1144	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	90.8/11.4
R1145	7030003380	S.RES ERJ3GEYJ 331 V (330)	B	94.8/5.7
R1146	7030003380	S.RES ERJ3GEYJ 331 V (330)	B	96.4/6.4
R1201	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	100.5/34.3
R1202	7030010980	S.RES ERA3YHD 470V (47)	B	99.5/37.2
R1203	7030011050	S.RES ERA3YHD 100V (10)	T	108.6/26.6
R1204	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	106.0/42.8
R1205	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	106.0/26.6
R1221	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	104.2/42.9
R1222	7030007230	S.RES ERA3YED 102V (1K)	B	113.1/43.5
R1223	7030010560	S.RES ERA3YED 302V (3K)	B	123.7/44.0

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R1224	7030009891	S.RES ERA3YED 151V (150)	B	123.0/42.4
R1225	7030005321	S.RES ERA3YED 103V (10K)	B	110.4/35.4
R1226	7030007230	S.RES ERA3YED 102V (1K)	B	113.1/45.1
R1227	7030007230	S.RES ERA3YED 102V (1K)	B	123.0/45.6
R1228	7030005321	S.RES ERA3YED 103V (10K)	B	110.4/32.1
R1229	7030005321	S.RES ERA3YED 103V (10K)	B	110.4/29.0
R1230	7030005321	S.RES ERA3YED 103V (10K)	B	112.0/36.2
R1251	7030010980	S.RES ERA3YHD 470V (47)	B	92.6/41.1
R1252	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	94.9/40.3
R1253	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	106.0/34.7
R1254	7030011050	S.RES ERA3YHD 100V (10)	T	108.6/34.7
R1255	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	107.3/42.8
R1271	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	105.8/42.9
R1272	7030007230	S.RES ERA3YED 102V (1K)	B	113.1/41.1
R1273	7030007230	S.RES ERA3YED 102V (1K)	B	113.1/38.8
R1274	7030006601	S.RES ERA3YED 272V (2.7K)	B	123.0/39.2
R1275	7030007230	S.RES ERA3YED 102V (1K)	B	123.7/40.8
R1276	7310004780	S.TRI EVM-3YSX50 B13 (102)	T	121.2/36.4
R1277	7030005321	S.RES ERA3YED 103V (10K)	B	122.5/35.5
R1278	7030005321	S.RES ERA3YED 103V (10K)	B	120.8/36.4
R1279	7030005321	S.RES ERA3YED 103V (10K)	B	122.5/32.3
R1280	7030005321	S.RES ERA3YED 103V (10K)	B	122.5/29.2
R1281	7030006571	S.RES ERA3YED 392V (3.9K)	B	122.5/26.1
R1285	7030006571	S.RES ERA3YED 392V (3.9K)	B	112.8/24.5
R1292	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	115.9/36.4
R1293	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	118.6/45.9
R1294	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	115.9/34.0
R1295	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	118.7/34.0
R1302	7030003860	S.RES ERJ3GE JPW V	B	119.8/24.5
R1303	7030009691	S.RES ERA3YED 101V (100)	T	112.8/24.5
R1703	7030003860	S.RES ERJ3GE JPW V	B	35.2/38.9
C302	4030011600	S.CER C1608 JB 1E 104K-T	B	72.0/15.9
C303	4030011600	S.CER C1608 JB 1E 104K-T	B	62.0/15.7
C305	4030011600	S.CER C1608 JB 1E 104K-T	B	77.3/13.0
C451	4030011600	S.CER C1608 JB 1E 104K-T	T	80.1/32.0
C452	4030019560	S.CER GRM21BB31C106KE15L	B	80.2/32.7
C453	4030011600	S.CER C1608 JB 1E 104K-T	T	63.3/32.7
C454	4030019560	S.CER GRM21BB31C106KE15L	B	60.4/29.8
C455	4030011600	S.CER C1608 JB 1E 104K-T	T	82.6/32.0
C456	4030019560	S.CER GRM21BB31C106KE15L	B	82.6/33.7
C457	4030011600	S.CER C1608 JB 1E 104K-T	T	77.7/32.0
C458	4030019560	S.CER GRM21BB31C106KE15L	B	77.7/32.7
C459	4030007130	S.CER C1608 CH 1H 101J-T	T	70.0/32.7
C460	4030007130	S.CER C1608 CH 1H 101J-T	T	72.6/32.7
C461	4030007130	S.CER C1608 CH 1H 101J-T	T	71.3/32.7
C462	4030007130	S.CER C1608 CH 1H 101J-T	T	68.7/32.7
C463	4030017810	S.CER C1608 CH 1H 102J-T	T	74.4/32.7
C464	4030006860	S.CER C1608 JB 1H 102K-T	T	75.7/32.7
C465	4030011600	S.CER C1608 JB 1E 104K-T	T	78.9/32.0
C466	4030007130	S.CER C1608 CH 1H 101J-T	T	65.9/32.7
C467	4030007130	S.CER C1608 CH 1H 101J-T	T	67.2/32.7
C468	4030011600	S.CER C1608 JB 1E 104K-T	T	64.6/32.7
C469	4510008510	S.ELE EEE1CA471P	T	53.8/26.9
C470	4030011600	S.CER C1608 JB 1E 104K-T	B	89.4/30.2
C471	4030011600	S.CER C1608 JB 1E 104K-T	T	82.5/14.6
C472	4030011600	S.CER C1608 JB 1E 104K-T	T	61.6/22.7
C473	4030007130	S.CER C1608 CH 1H 101J-T	B	83.9/9.5
C474	4030007130	S.CER C1608 CH 1H 101J-T	B	83.9/11.1
C475	4030011600	S.CER C1608 JB 1E 104K-T	B	89.0/25.4
C476	4030006860	S.CER C1608 JB 1H 102K-T	B	89.4/27.0
C478	4030011600	S.CER C1608 JB 1E 104K-T	B	90.1/28.6
C479	4030011600	S.CER C1608 JB 1E 104K-T	B	86.0/34.3
C480	4030011600	S.CER C1608 JB 1E 104K-T	B	86.0/31.8
C481	4030017480	S.CER C1608 JB 1A 474K-T	T	48.9/13.4
C491	4030017480	S.CER C1608 JB 1A 474K-T	T	48.5/20.2
C501	4030019120	S.CER GRM188B31E105KA75D	B	36.7/6.0
C601	4030017810	S.CER C1608 CH 1H 102J-T	T	13.8/12.4
C602	4030006900	S.CER C1608 JB 1H 103K-T	T	13.55/51.55
C603	4030011600	S.CER C1608 JB 1E 104K-T	T	16.6/51.6
C604	4030011600	S.CER C1608 JB 1E 104K-T	T	14.6/45.1
C605	4030011600	S.CER C1608 JB 1E 104K-T	B	14.2/48.9
C606	4030011600	S.CER C1608 JB 1E 104K-T	B	19.3/46.6
C607	4030011600	S.CER C1608 JB 1E 104K-T	B	218/85.5
C611	4030017810	S.CER C1608 CH 1H 102J-T	T	75.0/102.1
C612	4030017810	S.CER C1608 CH 1H 102J-T	T	29.4/46.8
C613	4030007020	S.CER C1608 CH 1H 120J-T	T	40.45/58.05
C614	4030017810	S.CER C1608 CH 1H 102J-T	T	44.7/56.1
C615	4030007040	S.CER C1608 CH 1H 180J-T	T	44.1/50.8
C633	4030007100	S.CER C1608 CH 1H 560J-T	B	44.5/38.9
C634	4030006980	S.CER C1608 CH 1H 070D-T	B	44.5/37.3
C635	4030007100	S.CER C1608 CH 1H 560J-T	B	42.2/37.1
C636	4030009920	S.CER C1608 CH 1H 050B-T	B	44.5/40.5
C651	4030009920	S.CER C1608 CH 1H 050B-T	T	40.5/31.6
C652	4030007040	S.CER C1608 CH 1H 180J-T	T	40.5/26.6
C671	4030007100	S.CER C1608 CH 1H 560J-T	B	41.3/24.6
C672	4030007110	S.CER C1608 CH 1H 680J-T	B	41.3/20.2
C673	4030007130	S.CER C1608 CH 1H 101J-T	B	44.0/24.2
C674	4030007040	S.CER C1608 CH 1H 180J-T	B	44.0/20.7
C675	4030007120	S.CER C1608 CH 1H 820J-T	B	48.3/20.7
C701	4030007070	S.CER C1608 CH 1H 330J-T	T	33.4/5.7
C702	4030006990	S.CER C1608 CH 1H 080D-T	T	33.4/8.4
C703	4030007110	S.CER C1608 CH 1H 680J-T	T	33.4/11.1
C704	4030007030	S.CER C1608 CH 1H 150J-T	T	36.8/13.6
C705	4030007100	S.CER C1608 CH 1H 560J-T	T	34.1/13.6
C706	4030019120	S.CER GRM188B31E105KA75D	T	39.2/6.9
C708	4030007170	S.CER C1608 CH 1H 221J-T	B	42.8/6.8
C710	4030011600	S.CER C1608 JB 1E 104K-T	T	48.8/6.3
C711	4030011600	S.CER C1608 JB 1E 104K-T	B	49.9/6.0
C721	4030011600	S.CER C1608 JB 1E 104K-T	T	27.8/29.0
C722	4030011600	S.CER C1608 JB 1E 104K-T	B	28.2/29.0
C723	4030011600	S.CER C1608 JB 1E 104K-T	B	32.5/29.0
C724	4030011600	S.CER C1608 JB 1E 104K-T	T	30.9/29.0
C725	4030007030	S.CER C1608 CH 1H 150J-T	B	27.2/42.4

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C726	4030007030	S.CER C1608 CH 1H 150J-T	B	31.9/42.3
C727	4030011600	S.CER C1608 JB 1E 104K-T	B	30.1/42.2
C741	4030017810	S.CER C1608 CH 1H 102J-T	B	32.6/59.5
C742	4030011600	S.CER C1608 JB 1E 104K-T	T	40.2/61.5
C743	4030006900	S.CER C1608 JB 1H 103K-T	T	40.2/66.3
C744	4030011770	S.CER C1608 CH 1H 060B-T	T	35.7/65.4
C745	4030007040	S.CER C1608 CH 1H 180J-T	B	35.7/66.3
C746	4030009920	S.CER C1608 CH 1H 050B-T	B	34.2/57.2
C747	4030009920	S.CER C1608 CH 1H 050B-T	B	24.4/48.9
C781	4030006900	S.CER C1608 JB 1H 103K-T	B	44.2/67.0
C782	4030006900	S.CER C1608 JB 1H 103K-T	T	42.8/62.7
C811	4030017810	S.CER C1608 CH 1H 102J-T	T	4.9/32.0
C812	4030006900	S.CER C1608 JB 1H 103K-T	T	7.3/40.8
C814	4030011600	S.CER C1608 JB 1E 104K-T	T	13.8/37.8
C831	4030007020	S.CER C1608 CH 1H 120J-T	T	8.5/40.8
C832	4030007060	S.CER C1608 CH 1H 270J-T	T	9.7/40.8
C833	4030007020	S.CER C1608 CH 1H 120J-T	T	10.5/43.9
C834	4030006980	S.CER C1608 CH 1H 070D-T	T	13.6/43.5
C835	4030008560	S.CER C1608 CH 1H 300J-T	T	11.2/40.8
C836	4030007040	S.CER C1608 CH 1H 180J-T	T	12.4/40.8
C851	4030017810	S.CER C1608 CH 1H 102J-T	B	38.8/34.7
C852	4030017810	S.CER C1608 CH 1H 102J-T	B	17.8/40.7
C853	4030006900	S.CER C1608 JB 1H 103K-T	B	46.0/30.2
C854	4030006900	S.CER C1608 JB 1H 103K-T	B	24.8/42.2
C855	4030006900	S.CER C1608 JB 1H 103K-T	B	20.4/40.7
C856	4030006900	S.CER C1608 JB 1H 103K-T	B	42.2/32.4
C860	4030006900	S.CER C1608 JB 1H 103K-T	B	13.4/17.4
C861	4030006900	S.CER C1608 JB 1H 103K-T	B	15.6/25.0
C862	4030006900	S.CER C1608 JB 1H 103K-T	T	14.0/27.2
C863	4030006900	S.CER C1608 JB 1H 103K-T	B	15.6/28.0
C864	4030006900	S.CER C1608 JB 1H 103K-T	T	6.7/31.5
C865	4030006900	S.CER C1608 JB 1H 103K-T	T	9.1/25.7
C866	4030006990	S.CER C1608 CH 1H 080D-T	T	15.2/28.4
C867	4030006980	S.CER C1608 CH 1H 070D-T	T	16.0/25.2
C868	4030007010	S.CER C1608 CH 1H 100D-T	T	16.0/22.4
C869	4030007080	S.CER C1608 CH 1H 390J-T	T	16.0/23.8
C870	4030007080	S.CER C1608 CH 1H 390J-T	T	14.0/21.7
C871	4030006900	S.CER C1608 JB 1H 103K-T	B	6.0/24.3
C872	4030007060	S.CER C1608 CH 1H 270J-T	T	7.0/21.7
C873	4030008750	S.CER C1608 CH 1H 360J-T	T	5.0/22.9
C874	4030007070	S.CER C1608 CH 1H 330J-T	T	5.0/24.3
C875	4030007040	S.CER C1608 CH 1H 180J-T	T	5.0/25.5
C876	4030007060	S.CER C1608 CH 1H 270J-T	T	5.0/28.1
C877	4030006900	S.CER C1608 JB 1H 103K-T	T	7.0/28.1
C878	4030006900	S.CER C1608 JB 1H 103K-T	B	6.0/27.5
C879	4030007060	S.CER C1608 CH 1H 270J-T	T	11.5/29.0
C880	4030007060	S.CER C1608 CH 1H 270J-T	T	11.5/25.3
C901	4030006900	S.CER C1608 JB 1H 103K-T	B	48.7/59.6
C911	4030006900	S.CER C1608 JB 1H 103K-T	B	58.6/58.4
C912	4030006900	S.CER C1608 JB 1H 103K-T	B	52.3/61.2
C913	4030007030	S.CER C1608 CH 1H 150J-T	T	60.1/63.4
C914	4030009510	S.CER C1608 CH 1H 010B-T	T	61.4/63.4
C916	4030006990	S.CER C1608 CH 1H 080D-T	T	64.6/59.5
C917	4030006900	S.CER C1608 JB 1H 103K-T	B	80.3/60.3
C918	4030007030	S.CER C1608 CH 1H 150J-T	T	72.9/62.4
C919	4030009510	S.CER C1608 CH 1H 010B-T	T	71.6/62.4
C920	4030006900	S.CER C1608 JB 1H 103K-T	B	74.2/58.4
C931	4030006900	S.CER C1608 JB 1H 103K-T	B	57.5/52.7
C932	4030006900	S.CER C1608 JB 1H 103K-T	B	51.2/52.1
C933	4030006900	S.CER C1608 JB 1H 103K-T	B	80.3/51.2
C934	4030006900	S.CER C1608 JB 1H 103K-T	B	62.7/52.7
C951	4030006900	S.CER C1608 JB 1H 103K-T	B	52.7/43.1
C952	4030006900	S.CER C1608 JB 1H 103K-T	B	55.4/37.5
C953	4030006900	S.CER C1608 JB 1H 103K-T	B	82.1/43.2
C954	4030006900	S.CER C1608 JB 1H 103K-T	B	77.9/36.8
C1001	4030006900	S.CER C1608 JB 1H 103K-T	B	83.2/59.6
C1011	4030006900	S.CER C1608 JB 1H 103K-T	T	86.3/68.1
C1012	4030006900	S.CER C1608 JB 1H 103K-T	B	88.7/61.6
C1031	4030006900	S.CER C1608 JB 1H 103K-T	B	87.1/49.3
C1032	4030007120	S.CER C1608 CH 1H 820J-T	T	86.2/57.4
C1033	4030007150	S.CER C1608 CH 1H 151J-T	T	89.2/55.9
C1051	4030010750	S.CER C1608 CH 1H 201J-T	T	89.4/61.6
C1052	4030011600	S.CER C1608 JB 1E 104K-T	T	89.7/53.7
C1053	4030011600	S.CER C1608 JB 1E 104K-T	T	91.1/53.7
C1054	4030007010	S.CER C1608 CH 1H 100D-T	B	93.0/54.7
C1055	4030006900	S.CER C1608 JB 1H 103K-T	T	93.1/50.1
C1071	4030006980	S.CER C1608 CH 1H 070D-T	B	99.4/61.2
C1072	4030006900	S.CER C1608 JB 1H 103K-T	B	104.3/61.9
C1073	4030007040	S.CER C1608 CH 1H 180J-T	B	102.1/50.8
C1074	4030017810	S.CER C1608 CH 1H 102J-T	B	103.1/52.4
C1075	4030017810	S.CER C1608 CH 1H 102J-T	B	105.6/56.1
C1076	4030011600	S.CER C1608 JB 1E 104K-T	B	104.0/56.1
C1077	4030011600	S.CER C1608 JB 1E 104K-T	B	106.1/59.2
C1078	4030006900	S.CER C1608 JB 1H 103K-T	T	107.6/58.5
C1101	4030009920	S.CER C1608 CH 1H 050B-T	B	96.0/48.5
C1102	4030009920	S.CER C1608 CH 1H 050B-T	B	98.4/47.7
C1103	4030017810	S.CER C1608 CH 1H 102J-T	B	96.1/19.6
C1104	4030017810	S.CER C1608 CH 1H 102J-T	B	97.9/19.6
C1121	4610001970	S.TRI TZC3P200A110R00 (TZC03P200A1102)	T	104.4/12.4
C1122	4030009530	S.CER C1608 CH 1H 030B-T	T	101.8/11.7
C1124	4030017810	S.CER C1608 CH 1H 102J-T	T	91.0/16.6
C1125	4030011600	S.CER C1608 JB 1E 104K-T	B	101.6/16.5
C1141	4030006900	S.CER C1608 JB 1H 103K-T	B	88.3/16.1
C1142	4030006900	S.CER C1608 JB 1H 103K-T	T	89.5/11.4
C1201	4030018640	S.CER C2012 CH 1H 103J-T	B	102.2/38.2
C1202	4550003220	S.TAN TEESVA 1E 105M8R	B	104.1/34.3
C1203	4030007010	S.CER C1608 CH 1H 100D-T	T	107.3/26.6
C1204	4030006900	S.CER C1608 JB 1H 103K-T	T	106.0/31.9
C1205	4030019120	S.CER GRM188B31E105KA75D	T	107.3/31.9
C1206	4030010760	S.CER C1608 CH 1H 331J-T	T	108.6/31.9
C1221	4030018800	S.CER C3216 CH 1H 223J-T	B	107.9/41.4
C1222	4030019560	S.CER GRM21BB31C106KE15L	B	103.3/46.5
C1223	4030011600	S.CER C1608 JB 1E 104K-T	B	103.6/45.0
C1224	4030007170	S.CER C1608 CH 1H 221J-T	B	120.6/43.2

[RF-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C1225	4030007160	S.CER C1608 CH 1H 181J-T	B	115.4/36.0
C1226	4030009350	S.CER C1608 CH 1H 3R5B-T	B	113.6/35.4
C1251	4030018640	S.CER C2012 CH 1H 103J-T	B	90.8/42.9
C1252	4550003220	S.TAN TEESVA 1E 105M8R	B	95.4/37.9
C1253	4030007010	S.CER C1608 CH 1H 100D-T	T	107.3/34.7
C1254	4030006900	S.CER C1608 JB 1H 103K-T	T	107.3/40.0
C1255	4030019120	S.CER GRM188B31E105KA75D	T	106.0/40.0
C1256	4030010760	S.CER C1608 CH 1H 331J-T	T	108.6/40.0
C1271	4030018800	S.CER C3216 CH 1H 223J-T	B	110.3/41.5
C1272	4030007170	S.CER C1608 CH 1H 221J-T	B	120.6/40.0
C1273	4030017870	S.CER C1608 CH 1H 681J-T	B	117.4/36.0
C1274	4030011330	S.CER C1608 CH 1H 391J-T	B	119.1/35.5
C1291	4510009920	S.ELE 16 CE 100 LH	T	112.8/42.2
C1292	4030011600	S.CER C1608 JB 1E 104K-T	T	113.1/36.4
C1293	4030011600	S.CER C1608 JB 1E 104K-T	T	122.1/45.9
C1294	4510009920	S.ELE 16 CE 100 LH	T	122.0/41.7
C1295	4510009920	S.ELE 16 CE 100 LH	T	113.7/29.8
C1296	4030011600	S.CER C1608 JB 1E 104K-T	T	113.1/34.0
C1297	4030011600	S.CER C1608 JB 1E 104K-T	T	121.5/34.0
C1298	4510009920	S.ELE 16 CE 100 LH	T	122.0/29.8
C1301	4030019120	S.CER GRM188B31E105KA75D	T	115.6/24.5
J301	6510020081	S.CON 52808-2071(2090)	T	74.0/10.3
J451	6510019991	S.CON 52808-2271(2291)	T	74.0/26.9
J501	6510028210	CON SJ050010 (TMP-J01X-V6)		
J701	6510028210	CON SJ050010 (TMP-J01X-V6)		
J741	6510028210	CON SJ050010 (TMP-J01X-V6)		
J801	6510028210	CON SJ050010 (TMP-J01X-V6)		
J931	6510027650	S.CON AXN480C330P	T	66.5/53.1
J951	6510027660	S.CON AXN380C038P	T	66.5/37.8
J1011	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1141	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1301	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	T	123.1/20.5
EP301	6910015970	S.BEA MMZ1608B 301CT-AS	B	75.8/26.6
EP305	6910019900	S.BEA MPZ1608S601AT	B	73.4/13.8
EP452	6910015970	S.BEA MMZ1608B 301CT-AS	B	85.1/27.0
EP453	6910015970	S.BEA MMZ1608B 301CT-AS	B	85.9/25.4
EP454	6910019900	S.BEA MPZ1608S601AT	B	63.4/28.1
EP455	6910019900	S.BEA MPZ1608S601AT	B	65.2/28.9
EP456	6910019900	S.BEA MPZ1608S601AT	T	61.6/24.0
EP457	6910019900	S.BEA MPZ1608S601AT	B	77.5/28.0
EP458	6910019900	S.BEA MPZ1608S601AT	B	85.1/30.2
EP459	6910019900	S.BEA MPZ1608S601AT	B	84.4/28.6
EP601	6910015970	S.BEA MMZ1608B 301CT-AS	T	40.4/14.2
EP611	6910015970	S.BEA MMZ1608B 301CT-AS	T	46.4/53.0
EP861	6910012350	S.BEA MMZ1608Y 102BT	B	14.8/26.5
EP862	6910012350	S.BEA MMZ1608Y 102BT	B	6.7/25.9
EP911	6910002161	CAS CASE-BM7H-LF		
EP912	6910015970	S.BEA MMZ1608B 301CT-AS	B	66.5/55.7
EP913	6910002161	CAS CASE-BM7H-LF		
EP931	6910015970	S.BEA MMZ1608B 301CT-AS	B	59.9/53.4
EP951	6910015970	S.BEA MMZ1608B 301CT-AS	B	73.8/36.1
EP1121	6910017350	S.BEA MMZ1608S601A-T	B	100.2/8.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110004310	S.IC	M62352GP 75EC	T	26.9/5.6
IC71	1110006350	S.IC	LM2902PWR	T	26.8/13.6
IC101	1110006190	S.IC	NJM074M-TE1-#ZZZB	B	130.4/24.7
IC121	1110005450	S.IC	TS522IDT	B	120.3/17.2
IC211	1130012900	S.IC	TC74LCX00FT (EL)	T	143.1/33.3
IC501	1110006190	S.IC	NJM074M-TE1-#ZZZB	B	17.4/24.2
IC521	1110005450	S.IC	TS522IDT	B	19.7/34.6
IC611	1130012900	S.IC	TC74LCX00FT (EL)	T	21.0/46.9
IC1651	1110006870	S.IC	UPC2709TB-E3	T	117.0/84.9
IC2582	1110006990	S.IC	UPC2710TB-E3	T	11.7/65.1
IC2651	1110006870	S.IC	UPC2709TB-E3	T	59.0/94.5
Q31	1530003900	S.TRA	KTC4075 BL-RTK/P	T	53.0/3.3
Q32	1540000441	S.TRA	2SD1619T-TD-E	T	42.8/7.1
Q33	1540000441	S.TRA	2SD1619T-TD-E	T	104.3/6.2
Q34	1540000471	S.TRA	2SD1801S-TL-E	B	111.1/5.3
Q35	1540000441	S.TRA	2SD1619T-TD-E	T	52.1/7.1
Q36	1530003900	S.TRA	KTC4075 BL-RTK/P	T	43.6/3.3
Q37	1530003900	S.TRA	KTC4075 BL-RTK/P	T	105.4/2.5
Q38	1530003900	S.TRA	KTC4075 BL-RTK/P	T	114.0/3.5
Q41	1590003680	S.TRA	KRC402 RTK/P	T	100.2/4.5
Q42	1550000090	S.FET	RSQ035P03TR	T	100.4/11.3
Q43	1550000090	S.FET	RSQ035P03TR	T	103.1/14.8
Q44	1590003770	S.TRA	KRA302E-RTK/P	T	97.9/3.9
Q45	1560001330	S.FET	RSR025N03	B	90.7/3.0
Q51	1590003680	S.TRA	KRC402 RTK/P	T	38.9/16.7
Q52	1550000090	S.FET	RSQ035P03TR	T	43.6/19.5
Q53	1550000090	S.FET	RSQ035P03TR	T	47.3/19.5
Q54	1590003770	S.TRA	KRA302E-RTK/P	T	43.5/15.6
Q55	1560001330	S.FET	RSR025N03	B	37.8/16.2
Q141	1530004011	S.TRA	KTC3770U-C-RTK/P	T	106.9/26.0
Q151	1530004011	S.TRA	KTC3770U-C-RTK/P	T	115.5/26.0
Q201	1530003950	S.TRA	KTC4080 Y-RTK/P	T	142.4/26.1
Q301	1530003021	S.TRA	2SC4402-3-TL-E	T	100.7/28.7
Q302	1530003021	S.TRA	2SC4402-3-TL-E	T	97.5/28.7
Q311	1530003842	S.TRA	2SC5501A-4-TR-E	T	98.5/36.9
Q541	1530004011	S.TRA	KTC3770U-C-RTK/P	T	30.6/33.6
Q551	1530004011	S.TRA	KTC3770U-C-RTK/P	T	30.6/25.5
Q601	1530003950	S.TRA	KTC4080 Y-RTK/P	T	15.2/48.1
Q701	1530003021	S.TRA	2SC4402-3-TL-E	T	52.1/20.5
Q702	1530003021	S.TRA	2SC4402-3-TL-E	T	55.8/20.5
Q711	1530003842	S.TRA	2SC5501A-4-TR-E	T	70.6/25.0
Q1021	1530003340	S.TRA	2SC3357-T1 RF	T	100.4/55.3
Q1051	1560000641	S.FET	2SK1740-4/5-TB-E	T	123.0/50.1
Q1052	1560000641	S.FET	2SK1740-4/5-TB-E	B	123.0/53.4
Q1053	1560000641	S.FET	2SK1740-4/5-TB-E	B	123.0/50.1
Q1054	1560000641	S.FET	2SK1740-4/5-TB-E	T	123.0/53.4
Q1055	1590003770	S.TRA	KRA302E-RTK/P	T	140.5/46.7
Q1056	1590003680	S.TRA	KRC402 RTK/P	T	142.5/48.2
Q1101	1560000841	S.FET	2SK1829(TE85RF)	T	149.1/8.7
Q1102	1590003770	S.TRA	KRA302E-RTK/P	T	148.6/47.5
Q1103	1590003770	S.TRA	KRA302E-RTK/P	T	146.1/47.5
Q1104	1590003680	S.TRA	KRC402 RTK/P	T	146.5/8.7
Q1251	1590003980	S.FET	NE3509M04-T2	T	143.8/87.3
Q1361	1590003770	S.TRA	KRA302E-RTK/P	T	148.1/12.5
Q1362	1560000841	S.FET	2SK1829(TE85RF)	T	145.7/12.1
Q1363	1590003770	S.TRA	KRA302E-RTK/P	T	143.4/11.9
Q1364	1590003680	S.TRA	KRC402 RTK/P	T	143.5/8.7
Q1471	1530003340	S.TRA	2SC3357-T1 RF	B	108.9/60.4
Q1521	1580000820	S.FET	3SK264-5-TG-E	B	90.0/67.7
Q1551	1580000751	S.FET	3SK294(TE85LF)	T	109.2/78.3
Q1552	1580000751	S.FET	3SK294(TE85LF)	B	109.2/70.5
Q1651	1590003680	S.TRA	KRC402 RTK/P	T	72.9/77.1
Q1652	1590003770	S.TRA	KRA302E-RTK/P	T	75.0/78.6
Q2021	1530003340	S.TRA	2SC3357-T1 RF	T	43.9/52.2
Q2051	1530004011	S.TRA	KTC3770U-C-RTK/P	T	38.9/66.0
Q2052	1530004011	S.TRA	KTC3770U-C-RTK/P	T	38.9/71.1
Q2251	1590003980	S.FET	NE3509M04-T2	T	44.5/77.7
Q2361	1590003770	S.TRA	KRA302E-RTK/P	T	19.1/80.5
Q2362	1560000841	S.FET	2SK1829(TE85RF)	T	19.0/77.9
Q2363	1590003770	S.TRA	KRA302E-RTK/P	T	16.9/80.5
Q2364	1590003680	S.TRA	KRC402 RTK/P	T	16.5/77.9
Q2431	1590003770	S.TRA	KRA302E-RTK/P	T	7.8/46.0
Q2432	1590003770	S.TRA	KRA302E-RTK/P	T	9.9/46.1
Q2433	1560000841	S.FET	2SK1829(TE85RF)	T	9.4/43.8
Q2434	1590003680	S.TRA	KRC402 RTK/P	T	8.0/41.2
Q2471	1530003340	S.TRA	2SC3357-T1 RF	B	20.9/64.7
Q2521	1580000820	S.FET	3SK264-5-TG-E	B	65.3/51.3
Q2581	1590003770	S.TRA	KRA302E-RTK/P	T	8.0/51.6
Q2582	1590003680	S.TRA	KRC402 RTK/P	T	8.4/49.2
Q2651	1590003680	S.TRA	KRC402 RTK/P	T	71.5/73.4
Q2652	1590003770	S.TRA	KRA302E-RTK/P	T	73.8/73.9
Q2751	1590003680	S.TRA	KRC402 RTK/P	T	74.9/42.3
Q2752	1590003770	S.TRA	KRA302E-RTK/P	T	72.0/43.8
Q2753	1590003680	S.TRA	KRC402 RTK/P	T	75.3/39.8
Q2801	1530003340	S.TRA	2SC3357-T1 RF	T	82.0/81.8
D31	1750000370	S.DIO	DA221 TL	T	56.1/9.2
D32	1750000370	S.DIO	DA221 TL	T	46.8/9.2
D33	1750000370	S.DIO	DA221 TL	T	108.1/7.6
D34	1750000370	S.DIO	DA221 TL	T	115.6/5.5
D41	1750000520	S.DIO	DAN222TL	T	98.3/5.9
D51	1750000520	S.DIO	DAN222TL	T	41.3/16.8
D251	1750000431	S.DIO	HSB88WSTR-E	T	119.7/33.5
D255	1750000431	S.DIO	HSB88WSTR-E	T	123.0/41.5
D321	1790001621	S.DIO	1SV308(TPL3F)	B	88.1/37.4
D351	1790001621	S.DIO	1SV308(TPL3F)	B	87.3/39.5
D371	1790001621	S.DIO	1SV308(TPL3F)	B	85.6/31.0
D651	1750000431	S.DIO	HSB88WSTR-E	T	44.8/35.2
D655	1750000431	S.DIO	HSB88WSTR-E	T	37.3/32.0
D721	1790001621	S.DIO	1SV308(TPL3F)	B	61.5/35.4
D751	1790001621	S.DIO	1SV308(TPL3F)	B	61.5/37.8
D771	1790001621	S.DIO	1SV308(TPL3F)	B	82.5/33.8

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
D1011	1790001621	S.DIO	1SV308(TPL3F)	B	88.3/60.2
D1081	1790001621	S.DIO	1SV308(TPL3F)	T	117.0/66.4
D1101	1790001621	S.DIO	1SV308(TPL3F)	B	141.7/53.8
D1102	1790001621	S.DIO	1SV308(TPL3F)	B	142.0/70.3
D1111	1790001621	S.DIO	1SV308(TPL3F)	T	140.9/54.5
D1112	1790001621	S.DIO	1SV308(TPL3F)	B	139.4/69.5
D1202	1720000691	S.VAR	1SV282(TPH2F)	T	140.0/74.1
D1203	1720000691	S.VAR	1SV282(TPH2F)	T	139.8/72.8
D1204	1720000691	S.VAR	1SV282(TPH2F)	T	140.9/75.7
D1209	1720000691	S.VAR	1SV282(TPH2F)	T	142.6/79.0
D1210	1720000691	S.VAR	1SV282(TPH2F)	T	144.2/78.2
D1211	1720000691	S.VAR	1SV282(TPH2F)	T	145.0/77.2
D1261	1730002591	S.ZEN	MAZ8033GHL	B	145.8/81.9
D1301	1750001190	S.VAR	KDV214E RTK/P	T	136.4/83.7
D1302	1750001190	S.VAR	KDV214E RTK/P	T	136.4/82.4
D1351	1790001621	S.DIO	1SV308(TPL3F)	B	131.4/89.3
D1352	1790001621	S.DIO	1SV308(TPL3F)	B	126.0/89.4
D1353	1790001621	S.DIO	1SV308(TPL3F)	B	128.0/87.7
D1354	1790001621	S.DIO	1SV308(TPL3F)	B	127.0/85.1
D1511	1790001621	S.DIO	1SV308(TPL3F)	T	87.0/61.7
D1551	1720000651	S.VAR	1SV286(TPH3F)	T	113.0/74.4
D1581	1790001621	S.DIO	1SV308(TPL3F)	T	113.9/67.2
D1611	1720000651	S.VAR	1SV286(TPH3F)	T	130.8/69.8
D1612	1720000651	S.VAR	1SV286(TPH3F)	T	130.8/76.3
D1671	1720000651	S.VAR	1SV286(TPH3F)	T	108.6/86.1
D1672	1720000651	S.VAR	1SV286(TPH3F)	T	104.4/86.1
D1701	1790001621	S.DIO	1SV308(TPL3F)	T	96.2/90.1
D1711	1790001621	S.DIO	1SV308(TPL3F)	T	94.9/88.9
D2011	1790001621	S.DIO	1SV308(TPL3F)	B	55.6/57.7
D2081	1790001621	S.DIO	1SV308(TPL3F)	T	34.5/61.9
D2201	1720000691	S.VAR	1SV282(TPH2F)	T	29.0/83.1
D2202	1720000691	S.VAR	1SV282(TPH2F)	T	29.0/84.3
D2203	1750001190	S.VAR	KDV214E RTK/P	T	27.4/80.3
D2204	1750001190	S.VAR	KDV214E RTK/P	T	39.8/80.3
D2205	1720000691	S.VAR	1SV282(TPH2F)	T	38.2/84.3
D2206	1720000691	S.VAR	1SV282(TPH2F)	T	38.2/83.1
D2261	1730002591	S.ZEN	MAZ8033GHL	B	44.2/72.9
D2301	1750001190	S.VAR	KDV214E RTK/P	T	47.1/84.5
D2302	1750001190	S.VAR	KDV214E RTK/P	T	47.1/85.7
D2351	1790001621	S.DIO	1SV308(TPL3F)	T	46.3/88.6
D2352	1790001621	S.DIO	1SV308(TPL3F)	T	36.6/88.0
D2353	1790001621	S.DIO	1SV308(TPL3F)	T	43.3/87.2
D2354	1790001621	S.DIO	1SV308(TPL3F)	T	43.3/86.0
D2421	1790001621	S.DIO	1SV308(TPL3F)	T	32.2/59.3
D2422	1790001621	S.DIO	1SV308(TPL3F)	T	30.4/59.7
D2511	1790001621	S.DIO	1SV308(TPL3F)	B	59.5/56.9
D2551	1750000431	S.DIO	HSB88WSTR-E	T	62.0/65.9
D2581	1790001621	S.DIO	1SV308(TPL3F)	T	37.5/61.9
D2582	1720000641	S.VAR	1SV284(TPH3F)	T	15.8/72.2
D2583	1720000641	S.VAR	1SV284(TPH3F)	T	14.4/67.8
D2584	1720000641	S.VAR	1SV284(TPH3F)	T	10.8/56.0
D2585	1720000641	S.VAR	1SV284(TPH3F)	T	15.0/56.6
D2601	1790001621	S.DIO	1SV308(TPL3F)	T	59.0/74.8
D2602	1790001621	S.DIO	1SV308(TPL3F)	B	57.0/81.5
D2611	1790001621	S.DIO	1SV308(TPL3F)	T	60.1/73.2
D2612	1790001621	S.DIO	1SV308(TPL3F)	B	61.0/82.3
D2701	1790001621	S.DIO	1SV308(TPL3F)	T	66.6/93.2
D2702	1790001621	S.DIO	1SV308(TPL3F)	B	73.3/97.1
D2711	1790001621	S.DIO	1SV308(TPL3F)	T	67.9/91.2
D2712	1790001621	S.DIO	1SV308(TPL3F)	B	77.2/96.3
FI331	2010001730	FIL	HC-49/U 10.850 MHz (FL-211)		
FI731	2030000810	S.MON	MFT71.2R 71.250 MHz (FL-435)	T	56.0/45.2
FI2611	2040001420	S.LC	LFB32440MSC1-955 (LFSC25N12B0)	T	63.9/76.2
FI2612	2040001420	S.LC	LFB32440MSC1-955 (LFSC25N12B0)	T	63.9/81.7
FI2711	2040001420	S.LC	LFB32440MSC1-955 (LFSC25N12B0)	T	74.6/93.0
L71	6200005011	S.COI	NLV25T-100J	T	101.3/43.65
L141	6200003520	S.COI	ELJFB 102K-F	T	87.4/61.5
L201	6200002041	S.COI	NLV25T-101J	T	14.1/57.8
L211	6200010800	S.COI	C2520C-4R7G-A	T	139.1/38.2
L221	6200005011	S.COI	NLV25T-100J	B	142.8/26.8
L251	6140002810	S.COI	LR-317	T	125.9/33.5
L252	6140002810	S.COI	LR-317	T	113.5/33.5
L253	6200010950	S.COI	C2520C-1R5G-A (1.5U)	T	105.7/33.5
L255	6140002810	S.COI	LR-317	T	129.2/41.5
L256	6140002810	S.COI	LR-317	T	116.8/41.5
L257	6200010950	S.COI	C2520C-1R5G-A (1.5U)	T	106.5/40.9
L301	6200005521	S.COI	NLV25T-470J	B	92.6/20.8
L302	6150005390	COI	LS-164A		
L311	6140003940	COI	LR-493		
L312	6200010740	S.COI	C2520C-R27G-A	T	92.9/40.1
L313	6200010770	S.COI	C2520C-R68G-A	T	90.9/35.2
L321	6200002041	S.COI	NLV25T-101J	B	91.2/39.1
L331	6200002041	S.COI	NLV25T-101J	B	84.3/42.1
L332	6150005540	COI	LS-569		
L333	6150005540	COI	LS-569		
L351	6200002041	S.COI	NLV25T-101J	B	81.0/40.6
L361	6200010680	S.COI	C2520C-R22G-A (0.22U)	T	85.6/37.0
L362	6200010800	S.COI	C2520C-4R7G-A	T	83.4/33.3
L363	6200010680	S.COI	C2520C-R22G-A (0.22U)	T	88.3/30.4
L371	6200002041	S.COI	NLV25T-101J	B	90.2/26.4
L381	6200005011	S.COI	NLV25T-100J	B	78.8/32.1
L541	6200003520	S.COI	ELJFB 102K-F	B	27.4/21.4
L601	6200005011	S.COI	NLV25T-100J	B	12.0/49.2
L611	6200010670	S.COI	C2520C-R18G-A (0.18U)	T	26.3/50.9
L621	6200005011	S.COI	NLV25T-100J	B	16.9/48.6
L651	6140002810	S.COI	LR-317	T	44.8/41.2
L652	6140002810	S.COI	LR-317	T	44.8/29.2
L655	6140002810	S.COI	LR-317	T	37.3/38.0

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L656	6140002810	S.COI LR-317	T	37.3/26.0
L701	6200005521	S.COI NLV25T-470J	B	58.9/23.0
L702	6190001621	COI #E544EN-100028		
L711	6140003930	COI LR-492		
L712	6200011800	S.COI C2520C-47NG-A	T	67.1/30.7
L713	6200011410	S.COI C2520C-82NG-A	T	63.7/32.1
L721	6200005011	S.COI NLV25T-100J	B	67.6/33.8
L731	6200005011	S.COI NLV25T-100J	B	61.7/30.7
L732	6200012350	S.COI C2520C-R62G-A	T	56.2/36.8
L733	6200012350	S.COI C2520C-R62G-A	T	53.0/36.8
L734	6200012350	S.COI C2520C-R62G-A	T	58.3/53.6
L735	6200012350	S.COI C2520C-R62G-A	T	55.1/53.6
L751	6200005011	S.COI NLV25T-100J	B	67.6/41.1
L761	6200012360	S.COI C2520C-33NG-A	T	67.5/36.5
L762	6200005190	S.COI MLF1608D R56K-T	T	68.5/39.3
L763	6200012360	S.COI C2520C-33NG-A	T	71.7/36.6
L771	6200005011	S.COI NLV25T-100J	B	75.9/39.3
L1001	6200002041	S.COI NLV25T-101J	B	87.2/57.2
L1011	6200002041	S.COI NLV25T-101J	B	93.1/54.1
L1021	6200005011	S.COI NLV25T-100J	T	107.1/54.4
L1022	6200005011	S.COI NLV25T-100J	B	96.3/51.5
L1023	6200010950	S.COI C2520C-1R5G-A (1.5U)	T	96.3/55.4
L1051	6150005530	COI LS-567		
L1052	6200005011	S.COI NLV25T-100J	B	119.6/47.2
L1053	6140002810	S.COI LR-317	T	131.0/51.8
L1061	6200008080	S.COI LQW2BHNR22J03L	B	126.1/58.4
L1062	6200008080	S.COI LQW2BHNR22J03L	B	119.3/58.3
L1063	6130002961	S.COI #617DB-1327=P3	T	122.0/61.1
L1081	6200011650	S.COI LQW18AN68NG00D	T	122.5/65.9
L1082	6200009290	S.COI LQW18AN47NG00D		
		(LQW1608A47NG00)	T	119.4/66.4
L1101	6200003281	S.COI NLV25T-2R2J	B	141.3/59.4
L1102	6200003281	S.COI NLV25T-2R2J	B	145.2/51.6
L1103	6200003281	S.COI NLV25T-2R2J	B	136.6/69.2
L1111	6200010730	S.COI C2520C-68NG-A	T	136.1/60.5
L1112	6200010720	S.COI C2520C-56NG-A	T	136.7/65.4
L1113	6200011800	S.COI C2520C-47NG-A	T	139.6/57.2
L1114	6200003281	S.COI NLV25T-2R2J	T	139.6/68.1
L1201	6200012700	S.COI 0.50-2.0-6TL 35.0N <COMO>	T	137.2/75.6
L1202	6200012700	S.COI 0.50-2.0-6TL 35.0N <COMO>	T	146.0/80.8
L1261	6200011680	S.COI LQW18ANR12G00D	T	145.8/85.3
L1301	6200012580	S.COI 0.35-1.6-5TL 23.8N <COMO>	T	138.8/87.2
L1302	6200012910	S.COI 0.35-1.6-8TL 45.5N <COMO>	T	135.7/86.5
L1351	6200003281	S.COI NLV25T-2R2J	B	123.4/89.1
L1352	6200003281	S.COI NLV25T-2R2J	T	130.8/95.1
L1353	6200013680	S.COI 0.40-2.0-9TL 80.0N <COMO>	T	127.7/92.2
L1354	6200013680	S.COI 0.40-2.0-9TL 80.0N <COMO>	T	122.9/88.0
L1451	6200011650	S.COI LQW18AN68NG00D	T	115.1/65.8
L1452	6200011650	S.COI LQW18AN68NG00D	T	115.1/63.4
L1453	6200010910	S.COI LQW18AN56NG00D	T	113.2/62.7
L1471	6200005011	S.COI NLV25T-100J	B	116.1/58.7
L1472	6200003281	S.COI NLV25T-2R2J	B	113.1/59.7
L1491	6200011650	S.COI LQW18AN68NG00D	T	103.5/62.0
L1492	6200011650	S.COI LQW18AN68NG00D	T	103.1/63.9
L1511	6200002041	S.COI NLV25T-101J	T	90.2/59.0
L1521	6200006970	S.COI MLF1608A 3R9K-T	B	90.7/63.3
L1522	6150005540	COI LS-569		
L1525	6200002041	S.COI NLV25T-101J	T	93.9/65.1
L1551	6150005390	COI LS-164A		
L1553	6150005480	COI LS-556 7K7		
L1581	6200003281	S.COI NLV25T-2R2J	T	111.0/65.9
L1611	6200012990	S.COI 0.25-1.9-9TL 84.0N <COMO>	T	129.8/67.6
L1612	6200012990	S.COI 0.25-1.9-9TL 84.0N <COMO>	T	130.7/78.9
L1651	6200001981	S.COI NLV25T-1R0J	T	117.6/88.9
L1671	6200012990	S.COI 0.25-1.9-9TL 84.0N <COMO>	T	111.0/86.9
L1672	6200012990	S.COI 0.25-1.9-9TL 84.0N <COMO>	T	102.2/87.1
L1701	6200005011	S.COI NLV25T-100J	B	96.3/86.0
L1711	6200005011	S.COI NLV25T-100J	T	96.2/83.4
L1751	6200005011	S.COI NLV25T-100J	B	91.0/88.5
L2001	6200005011	S.COI NLV25T-100J	B	52.7/60.3
L2011	6200005011	S.COI NLV25T-100J	B	49.8/54.3
L2021	6200005011	S.COI NLV25T-100J	T	39.9/56.5
L2022	6200005011	S.COI NLV25T-100J	B	46.6/52.7
L2023	6200010740	S.COI C2520C-R27G-A	T	47.5/48.9
L2051	6140002810	S.COI LR-317	T	44.2/68.6
L2052	6130002961	S.COI #617DB-1327=P3	T	28.7/68.6
L2081	6200002611	S.COI NLV25T-R47J	B	32.7/59.4
L2204	6200012530	S.COI 0.40-1.3-2TL 3.7N <COMO>	T	29.4/80.2
L2205	6200012530	S.COI 0.40-1.3-2TL 3.7N <COMO>	T	37.8/80.2
L2210	6200011650	S.COI LQW18AN68NG00D	T	22.9/78.1
L2261	6200011580	S.COI LQW18AN33NG00D	T	39.4/75.7
L2301	6200012850	S.COI 0.40-0.8-2TL 2.5N <COMO>	T	46.8/82.8
L2351	6200008080	S.COI LQW2BHNR22J03L	T	48.6/87.8
L2352	6200008080	S.COI LQW2BHNR22J03L	B	44.4/89.9
L2361	6200013070	S.COI 0.40-1.1-6TR 15.6N <COMO>	T	49.7/92.1
L2362	6200012800	S.COI 0.40-1.5-5TL 20N <COMO>	T	42.2/94.4
L2401	6200002611	S.COI NLV25T-R47J	B	37.5/55.8
L2411	6200012050	S.COI LQW18AN24NG00D	T	36.8/57.0
L2412	6200011580	S.COI LQW18AN33NG00D	T	34.9/56.5
L2421	6200010850	S.COI LQW18AN22NG00D		
		(LQW1608A22NG00)	T	33.0/57.6
L2422	6200011650	S.COI LQW18AN68NG00D	T	30.0/55.9
L2423	6200011860	S.COI LQW18ANR47G00D	T	30.4/57.7
L2451	6200009070	S.COI LQW18AN18NG00D		
		(LQW1608A18NG00)	T	28.6/61.3
L2452	6200009220	S.COI LQW18AN15NG00D		
		(LQW1608A15NG00)	T	23.1/61.8
L2453	6200002611	S.COI NLV25T-R47J	B	26.9/60.0
L2471	6200001981	S.COI NLV25T-1R0J	B	24.7/55.1
L2472	6200011590	S.COI LQW18AN39NG00D	T	22.8/57.0
L2491	6200009220	S.COI LQW18AN15NG00D		
		(LQW1608A15NG00)	T	18.3/65.9
L2492	6200010850	S.COI LQW18AN22NG00D		
		(LQW1608A22NG00)	T	18.3/63.3
L2511	6200005011	S.COI NLV25T-100J	T	64.7/46.8

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L2521	6200005180	S.COI MLF1608D R39K-T	B	65.5/45.7
L2522	6150004280	COI LS-484B (C-14927)		
L2523	6200003281	S.COI NLV25T-2R2J	B	73.3/57.7
L2551	6200011770	S.COI LQW18ANR10G00D	T	72.2/60.3
L2552	6200011660	S.COI LQW18ANR15G00D	T	74.0/61.0
L2553	6140002551	S.COI #617DB-1919=P3	T	55.3/65.9
L2554	6140002551	S.COI #617DB-1919=P3	T	68.7/65.9
L2571	6200011730	S.COI LQW18AN10NG00D	T	40.9/61.9
L2572	6200009070	S.COI LQW18AN18NG00D		
		(LQW1608A18NG00)	T	42.8/61.1
L2573	6200009070	S.COI LQW18AN18NG00D		
		(LQW1608A18NG00)	T	45.9/60.4
L2581	6200002611	S.COI NLV25T-R47J	B	40.5/59.7
L2582	6200013550	S.COI C2012H-12NH	T	13.5/71.3
L2583	6200013550	S.COI C2012H-12NH	T	10.9/68.7
L2584	6200001981	S.COI NLV25T-1R0J	T	11.7/62.3
L2585	6200013550	S.COI C2012H-12NH	T	9.7/58.2
L2586	6200013550	S.COI C2012H-12NH	T	16.8/57.0
L2611	6200009220	S.COI LQW18AN15NG00D		
		(LQW1608A15NG00)	T	70.0/70.7
L2631	6140003630	S.COI LR-404 4KBL	T	58.3/85.4
L2632	6200009220	S.COI LQW18AN15NG00D		
		(LQW1608A15NG00)	T	53.6/89.9
L2651	6200002611	S.COI NLV25T-R47J	B	62.7/89.8
L2652	6200011670	S.COI LQW18AN82NG00D	T	61.0/94.3
L2681	6200010700	S.COI LQW18AN12NG00D	T	63.3/95.1
L2705	6140003630	S.COI LR-404 4KBL	T	83.2/92.6
L2801	6200009220	S.COI LQW18AN15NG00D		
		(LQW1608A15NG00)	T	85.7/84.8
L2802	6200002611	S.COI NLV25T-R47J	B	87.9/92.6
L2831	6200010700	S.COI LQW18AN12NG00D	T	92.3/83.8
R1	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	34.6/10.3
R2	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	34.6/14.8
R3	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	20.8/14.7
R4	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	20.7/11.2
R5	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	19.5/5.6
R6	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	21.1/4.9
R7	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	72.8/10.7
R8	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	74.1/10.0
R9	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	75.4/10.0
R10	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	76.7/10.0
R11	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	33.1/4.4
R12	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	33.1/5.7
R13	7030003860	S.RES ERJ3GE JPW V	T	65.0/10.0
R14	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	63.7/10.0
R15	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	67.6/10.0
R16	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	68.9/10.0
R17	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	70.2/10.0
R18	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	71.5/10.0
R19	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	66.3/10.0
R21	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	82.4/10.0
R22	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	81.1/10.0
R23	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	79.8/10.0
R24	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	78.5/10.0
R25	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	83.7/10.0
R26	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	85.0/9.8
R30	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	56.3/5.9
R31	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	50.0/4.0
R32	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	56.3/7.1
R33	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	46.9/7.1
R34	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	108.2/5.2
R35	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	111.6/6.2
R36	7030011030	S.RES ERJ1TYJ 270U (27)	T	54.8/12.4
R37	7030011220	S.RES ERJ1TY 180U (18)	T	45.4/12.1
R38	7030011030	S.RES ERJ1TYJ 270U (27)	T	106.9/10.6
R39	7030010910	S.RES ERJ1TYJ 150U (15)	T	116.1/10.8
R40	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	40.9/4.0
R41	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	102.6/3.1
R42	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	111.5/3.2
R43	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	56.3/4.7
R44	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	46.9/4.7
R45	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	46.9/5.9
R46	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	108.2/2.8
R47	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	108.2/4.0
R48	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	114.0/6.2
R49	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	112.8/6.2
R51	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	20.2/92.3
R52	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	19.2/88.4
R53	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	22.2/92.3
R54	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	24.2/92.3
R55	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	23.2/88.4
R56	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	25.2/88.4
R57	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	28.2/92.3
R58	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	27.2/88.4
R59	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	30.2/92.3
R60	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	18.2/92.3
R61	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	17.2/88.4
R64	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	20.8/2.3
R71	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	32.8/10.3
R72	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	31.6/10.3
R74	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	32.6/15.7
R75	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	31.3/15.7
R77	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	21.7/17.4
R78	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	21.7/16.2
R80	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	25.8/10.2
R81	7030003580	S.RES ERJ3GEYJ 153 V (15K)	T	22.4/11.2
R82	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	99.0/8.2
R83	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	100.8/8.9
R84	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	100.8/14.7
R85	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	100.8/15.2
R86	7030003760	S.RES ERJ3GEYJ 474 V (470K)	B	94.4/4.0
R87	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	87.7/3.2
R88	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	40.6/18.5

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R89	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	44.0/17.2
R90	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	44.1/17.2
R91	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	47.7/17.2
R92	7030003760	S.RES ERJ3GEYJ 474 V (470K)	B	43.4/15.4
R93	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	40.6/16.4
R101	7030005321	S.RES ERA3YED 103V (10K)	T	130.8/25.8
R102	7030005321	S.RES ERA3YED 103V (10K)	B	135.4/28.6
R103	7030006571	S.RES ERA3YED 392V (3.9K)	B	137.9/27.8
R104	7030006571	S.RES ERA3YED 392V (3.9K)	T	133.0/27.1
R105	7030005321	S.RES ERA3YED 103V (10K)	B	125.3/22.2
R106	7030005321	S.RES ERA3YED 103V (10K)	T	128.2/25.6
R107	7030005321	S.RES ERA3YED 103V (10K)	B	128.7/18.7
R109	7030003860	S.RES ERJ3GE JPW V	B	135.5/21.2
R110	7030009691	S.RES ERA3YED 101V (100)	T	133.8/25.2
R111	7030005321	S.RES ERA3YED 103V (10K)	B	124.9/27.3
R112	7030005321	S.RES ERA3YED 103V (10K)	T	128.2/28.3
R113	7030005321	S.RES ERA3YED 103V (10K)	B	125.8/29.7
R115	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	122.5/13.3
R116	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	127.0/13.4
R121	7030007230	S.RES ERA3YED 102V (1K)	B	111.8/21.2
R122	7030007230	S.RES ERA3YED 102V (1K)	B	113.4/21.2
R123	7030007230	S.RES ERA3YED 102V (1K)	B	112.6/18.8
R124	7030010560	S.RES ERA3YED 302V (3K)	B	115.0/19.5
R126	7030009891	S.RES ERA3YED 151V (150)	B	113.2/16.3
R127	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	122.7/13.6
R128	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	111.1/22.9
R131	7030007230	S.RES ERA3YED 102V (1K)	B	121.6/22.5
R132	7030007230	S.RES ERA3YED 102V (1K)	B	123.9/21.4
R133	7030007230	S.RES ERA3YED 102V (1K)	B	126.2/13.8
R134	7030006601	S.RES ERA3YED 272V (2.7K)	B	125.6/18.3
R135	7310004590	S.TRI EVM-2WSX80 B13 (102)	T	124.9/12.9
R141	7030003240	S.RES ERJ3GEYJ 220 V (22)	T	111.0/28.5
R142	7030010980	S.RES ERA3YHD 470V (47)	B	111.0/28.2
R143	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	104.9/26.3
R144	7030011050	S.RES ERA3YHD 100V (10)	T	106.6/23.8
R145	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	107.3/24.3
R146	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	B	117.5/26.9
R147	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	107.4/21.9
R151	7030003240	S.RES ERJ3GEYJ 220 V (22)	T	119.1/28.7
R152	7030010980	S.RES ERA3YHD 470V (47)	B	120.3/27.1
R153	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	114.4/26.7
R154	7030011050	S.RES ERA3YHD 100V (10)	T	114.5/23.8
R155	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	114.0/24.7
R201	7030003630	S.RES ERJ3GEYJ 393 V (39K)	T	140.5/26.1
R202	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	145.1/27.3
R203	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	145.0/24.9
R211	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	139.7/30.3
R212	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	138.4/31.8
R213	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	138.4/34.6
R214	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	140.0/28.2
R215	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	148.9/20.7
R251	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	143.1/33.8
R253	7030003860	S.RES ERJ3GE JPW V	B	112.2/32.6
R255	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	141.8/36.6
R257	7030003860	S.RES ERJ3GE JPW V	B	115.4/40.5
R301	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	90.2/21.9
R302	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	100.6/25.8
R303	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	92.4/30.1
R304	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	92.4/27.5
R305	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	101.5/26.5
R306	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	94.2/30.1
R307	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	98.1/26.5
R308	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	98.2/26.5
R309	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	95.4/30.1
R310	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	101.0/35.5
R311	7030003300	S.RES ERJ3GEYJ 680 V (68)	B	101.4/37.6
R313	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	95.0/35.0
R314	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	96.8/34.3
R315	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	98.0/34.3
R316	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	97.6/32.5
R317	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	99.3/34.3
R318	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	93.9/39.6
R321	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	90.4/36.3
R331	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	87.1/42.1
R351	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	84.2/39.5
R360	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	81.6/38.4
R361	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	82.9/36.9
R362	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	83.5/39.2
R371	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	90.2/29.9
R381	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	82.6/32.1
R501	7030005321	S.RES ERA3YED 103V (10K)	B	11.5/23.7
R502	7030005321	S.RES ERA3YED 103V (10K)	B	23.3/23.8
R503	7030006571	S.RES ERA3YED 392V (3.9K)	B	23.3/20.7
R504	7030006571	S.RES ERA3YED 392V (3.9K)	B	20.7/18.9
R505	7030005321	S.RES ERA3YED 103V (10K)	B	11.5/30.2
R506	7030005321	S.RES ERA3YED 103V (10K)	B	9.1/30.2
R507	7030005321	S.RES ERA3YED 103V (10K)	B	11.5/26.8
R509	7030003860	S.RES ERJ3GE JPW V	B	14.5/18.9
R510	7030009691	S.RES ERA3YED 101V (100)	B	20.0/17.1
R511	7030005321	S.RES ERA3YED 103V (10K)	B	21.4/30.2
R512	7030005321	S.RES ERA3YED 103V (10K)	B	23.0/30.2
R513	7030005321	S.RES ERA3YED 103V (10K)	B	23.3/26.9
R515	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	21.0/20.3
R516	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	18.2/24.3
R521	7030007230	S.RES ERA3YED 102V (1K)	B	26.6/41.0
R522	7030007230	S.RES ERA3YED 102V (1K)	B	23.5/41.0
R523	7030007230	S.RES ERA3YED 102V (1K)	B	12.8/35.5
R524	7030010560	S.RES ERA3YED 302V (3K)	B	9.8/34.0
R526	7030009891	S.RES ERA3YED 151V (150)	B	12.0/33.3
R527	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	21.0/29.8
R528	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	19.2/37.5
R531	7030007230	S.RES ERA3YED 102V (1K)	B	26.6/39.4
R532	7030007230	S.RES ERA3YED 102V (1K)	B	23.5/39.4
R533	7030007230	S.RES ERA3YED 102V (1K)	B	26.6/33.9
R534	7030006601	S.RES ERA3YED 272V (2.7K)	B	25.0/37.0

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R535	7310004590	S.TRI EVM-2WSX80 B13 (102)	T	24.7/39.3
R541	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	42.1/29.4
R542	7030010980	S.RES ERA3YHD 470V (47)	B	42.1/27.8
R543	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	32.3/36.3
R544	7030011050	S.RES ERA3YHD 100V (10)	T	29.7/36.3
R545	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	30.3/20.2
R546	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	B	30.9/22.6
R547	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	28.4/36.3
R551	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	35.0/28.0
R552	7030010980	S.RES ERA3YHD 470V (47)	B	35.0/26.3
R553	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	32.3/28.2
R554	7030011050	S.RES ERA3YHD 100V (10)	T	29.7/28.2
R555	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	28.4/28.2
R601	7030003630	S.RES ERJ3GEYJ 393 V (39K)	T	13.3/47.9
R602	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	15.1/50.3
R603	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	15.8/45.1
R611	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	18.1/50.3
R612	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	19.6/51.6
R613	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	22.4/51.6
R615	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	8.7/45.5
R651	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	24.8/44.7
R652	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	46.2/30.3
R653	7030003260	S.RES ERJ3GEYJ 330 V (33)	B	46.2/27.9
R654	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	48.8/30.2
R655	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	25.6/46.4
R656	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	37.6/25.2
R657	7030003260	S.RES ERJ3GEYJ 330 V (33)	B	40.0/23.7
R658	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	42.2/24.4
R701	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	60.7/19.8
R702	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	54.2/28.1
R703	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	54.4/17.8
R704	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	51.8/17.8
R705	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	52.2/22.1
R706	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	55.8/24.0
R707	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	54.4/16.2
R708	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	57.0/16.2
R709	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	64.1/20.2
R711	7030003300	S.RES ERJ3GEYJ 680 V (68)	B	65.6/23.9
R712	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	69.7/23.5
R713	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	B	75.1/28.9
R714	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	74.4/27.4
R715	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	71.5/26.5
R716	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	72.9/24.1
R717	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	70.5/27.2
R721	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	64.1/33.8
R731	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	60.7/33.3
R751	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	65.3/38.5
R771	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	78.7/38.5
R1001	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	86.2/59.9
R1011	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	93.1/58.6
R1012	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	91.1/59.7
R1013	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	93.9/60.7
R1021	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	109.3/56.3
R1022	7030003250	S.RES ERJ3GEYJ 270 V (27)	T	104.7/55.6
R1023	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	103.5/55.8
R1024	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	98.1/51.1
R1025	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	101.7/51.1
R1026	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	92.8/56.2
R1051	7030000010	S.RES MCR10EZHJ JPW (000)	B	141.4/48.4
R1053	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	125.8/50.6
R1054	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	126.4/54.4
R1055	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	126.5/50.6
R1056	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	125.8/55.0
R1061	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	125.7/56.0
R1062	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	119.6/56.3
R1081	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	121.6/63.3
R1101	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	142.0/61.6
R1104	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	141.6/57.2
R1105	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	141.7/51.6
R1106	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	138.7/71.5
R1107	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	142.0/63.4
R1111	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	137.3/55.6
R1112	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	140.4/65.1
R1113	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	137.3/57.2
R1201	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	143.4/76.5
R1202	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	143.4/79.7
R1251	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	144.6/84.9
R1252	7030003220	S.RES ERJ3GEYJ 150 V (15)	T	146.8/87.3
R1253	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	141.5/87.3
R1254	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	142.2/89.2
R1261	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	147.0/85.3
R1262	7030003390	S.RES ERJ3GEYJ 391 V (390)	B	150.1/81.2
R1263	7030003390	S.RES ERJ3GEYJ 391 V (390)	B	148.5/80.4
R1301	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	136.4/80.3
R1351	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	125.2/86.9
R1352	7030003270	S.RES ERJ3GEYJ 390 V (39)	B	128.0/90.7
R1353	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	129.6/89.3
R1354	7030003270	S.RES ERJ3GEYJ 390 V (39)	B	129.6/92.3
R1356	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	128.5/95.2
R1357	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	131.2/96.8
R1358	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	133.7/89.8
R1361	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	124.5/82.9
R1362	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	136.8/89.8
R1401	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	117.9/67.2
R1471	7030004010	S.RES ERJ3GEYJ 2R2 V (2.2)	B	111.8/65.6
R1472	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	106.0/57.9
R1473	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)	B	108.9/65.6
R1474	7030003380	S.RES ERJ3GEYJ 331 V (330)	B	107.4/64.8
R1475	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	B	103.9/60.3
R1477	7030000010	S.RES MCR10EZHJ JPW (000)	B	101.4/50.3
R1511	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	87.8/59.8
R1521	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	87.3/71.2
R1522	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	88.4/70.4
R1523	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	90.9/66.2
R1524	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	88.2/66.2

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R1526	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	92.4/66.0
R1527	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	B	91.7/70.4
R1528	7510001561	S.THE	NTCG16 4BH 102JT	B	88.2/65.2
R1551	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	100.5/81.0
R1552	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	101.1/74.4
R1553	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	106.0/74.4
R1554	7310004560	S.TRI	EVM-2WSX80 BE2 (221)	T	108.7/74.4
R1556	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	111.8/77.2
R1557	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	111.8/74.4
R1558	7030003240	S.RES	ERJ3GEYJ 220 V (22)	B	112.7/72.4
R1561	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	102.4/68.6
R1562	7030003230	S.RES	ERJ3GEYJ 180 V (18)	B	105.2/68.6
R1563	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	103.9/70.2
R1564	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	110.3/69.4
R1565	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	108.7/69.4
R1566	7030003270	S.RES	ERJ3GEYJ 390 V (39)	B	125.9/69.6
R1567	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	123.5/68.8
R1568	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	126.6/67.2
R1581	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	107.2/65.5
R1611	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	131.8/70.0
R1612	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	131.8/76.0
R1613	7030003860	S.RES	ERJ3GE JPW V	B	135.2/74.8
R1631	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	124.8/80.2
R1632	7030003270	S.RES	ERJ3GEYJ 390 V (39)	B	124.0/82.8
R1633	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	121.5/80.2
R1661	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	114.6/87.8
R1662	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	114.6/90.2
R1663	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	113.5/89.0
R1671	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	107.2/86.1
R1672	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	105.8/86.1
R1673	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	101.5/94.2
R1674	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	99.7/93.6
R1675	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	97.7/94.2
R1701	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	2.7/39.0
R1711	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	96.2/86.4
R1751	7030003410	S.RES	ERJ3GEYJ 561 V (560)	B	93.2/88.2
R2001	7030003410	S.RES	ERJ3GEYJ 561 V (560)	B	55.6/59.3
R2011	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	50.8/57.5
R2021	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	49.8/55.2
R2022	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	42.3/56.2
R2023	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	40.7/53.9
R2024	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	47.8/54.8
R2025	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	47.1/56.6
R2026	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	47.8/52.4
R2027	7030003860	S.RES	ERJ3GE JPW V	B	47.0/63.2
R2028	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	50.6/53.4
R2029	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	51.0/55.2
R2051	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	36.1/67.0
R2052	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	35.4/66.7
R2053	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	35.4/70.4
R2054	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	40.2/67.0
R2055	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	34.1/66.7
R2056	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	38.7/67.9
R2057	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	38.7/69.2
R2058	7030000010	S.RES	MCR10EZHJ JPW (000)	B	42.4/53.2
R2059	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	32.8/66.7
R2060	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	B	31.1/66.7
R2061	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	29.5/67.4
R2081	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	31.7/62.0
R2201	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	31.5/78.0
R2202	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	35.7/78.0
R2251	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	42.0/76.8
R2252	7030003220	S.RES	ERJ3GEYJ 150 V (15)	T	43.0/82.0
R2253	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	47.0/79.6
R2261	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	37.6/76.5
R2262	7030003390	S.RES	ERJ3GEYJ 391 V (390)	B	41.5/76.0
R2263	7030003390	S.RES	ERJ3GEYJ 391 V (390)	B	39.9/76.0
R2301	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	47.0/85.7
R2351	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	50.8/89.0
R2352	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	40.7/86.8
R2354	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	39.2/88.0
R2355	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	41.4/88.6
R2356	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	36.8/85.5
R2357	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	41.3/89.9
R2361	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	37.3/90.7
R2362	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	34.5/88.3
R2363	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	33.2/88.3
R2401	7030003410	S.RES	ERJ3GEYJ 561 V (560)	B	36.9/59.3
R2421	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	5.7/44.5
R2422	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	5.7/42.9
R2423	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	5.7/47.7
R2424	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	5.7/46.1
R2451	7030003410	S.RES	ERJ3GEYJ 561 V (560)	B	29.3/61.8
R2470	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	22.8/54.6
R2471	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	22.8/55.8
R2472	7030003240	S.RES	ERJ3GEYJ 220 V (22)	B	16.9/66.6
R2473	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	B	21.3/61.6
R2474	7030003410	S.RES	ERJ3GEYJ 561 V (560)	B	18.4/61.6
R2475	7030000010	S.RES	MCR10EZHJ JPW (000)	B	23.2/59.6
R2491	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	6.3/72.3
R2492	7030003270	S.RES	ERJ3GEYJ 390 V (39)	B	9.9/72.1
R2493	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	9.9/73.8
R2495	7030000010	S.RES	MCR10EZHJ JPW (000)	B	30.8/85.0
R2496	7030000010	S.RES	MCR10EZHJ JPW (000)	B	25.3/77.1
R2511	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	61.5/46.7
R2521	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	67.1/49.8
R2522	7030003220	S.RES	ERJ3GEYJ 150 V (15)	T	65.1/50.3
R2523	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	66.8/53.5
R2524	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	65.3/52.3
R2526	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	71.4/55.5
R2527	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	65.1/54.0
R2528	7510001561	S.THE	NTCG16 4BH 102JT	B	66.2/48.2
R2561	7030003260	S.RES	ERJ3GEYJ 330 V (33)	B	51.4/63.5
R2562	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	48.8/62.4
R2563	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	54.5/66.2

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R2581	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	40.8/61.9
R2582	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	17.7/71.4
R2583	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	17.1/69.2
R2584	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	10.8/69.6
R2585	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	B	10.8/67.8
R2586	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	13.1/68.5
R2587	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	12.2/61.1
R2588	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	B	10.0/61.9
R2589	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	11.3/59.6
R2590	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	12.6/56.7
R2591	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	13.8/56.7
R2592	7030003860	S.RES	ERJ3GE JPW V	T	17.6/61.5
R2601	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	53.7/77.5
R2602	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	59.2/77.8
R2603	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	56.4/77.8
R2604	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	58.5/79.7
R2605	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	53.6/81.2
R2606	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	56.9/74.0
R2607	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	58.6/80.0
R2610	7030003860	S.RES	ERJ3GE JPW V	T	52.0/72.6
R2611	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	58.3/72.6
R2612	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	61.4/84.6
R2613	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	B	65.9/71.6
R2614	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	62.6/75.0
R2615	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	69.2/72.9
R2631	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	60.1/90.1
R2632	7030003230	S.RES	ERJ3GEYJ 180 V (18)	B	57.1/90.1
R2633	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	59.3/91.5
R2651	7030003860	S.RES	ERJ3GE JPW V	T	74.3/70.8
R2701	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	68.6/93.8
R2702	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	69.1/94.4
R2703	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	69.9/92.4
R2704	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	70.6/94.4
R2705	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	71.4/93.8
R2706	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	65.3/91.7
R2707	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	78.8/96.3
R2711	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	69.5/89.4
R2712	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	75.3/92.5
R2751	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	75.4/44.3
R2752	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	68.0/43.7
R2781	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	80.9/91.9
R2782	7030003230	S.RES	ERJ3GEYJ 180 V (18)	B	82.9/91.1
R2783	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	79.4/89.1
R2801	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	T	85.2/86.8
R2802	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	81.2/85.7
R2803	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	80.5/77.9
R2804	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	82.3/77.9
R2805	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	84.4/84.8
R2806	7030003280	S.RES	ERJ3GEYJ 470 V (47)	B	87.0/88.7
R2831	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	90.4/86.8
R2832	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	93.0/85.6
R2833	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	93.0/86.8
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	25.6/1.4
C2	4030006860	S.CER	C1608 JB 1H 102K-T	T	92.8/6.5
C3	4030019560	S.CER	GRM21BB31C106KE15L	T	94.3/6.7
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	91.5/6.5
C5	4030006860	S.CER	C1608 JB 1H 102K-T	T	90.2/6.5
C6	4030006860	S.CER	C1608 JB 1H 102K-T	T	88.9/6.5
C7	4030006860	S.CER	C1608 JB 1H 102K-T	T	85.5/7.3
C8	4030006860	S.CER	C1608 JB 1H 102K-T	T	87.6/6.5
C10	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.2/4.9
C11	4030006860	S.CER	C1608 JB 1H 102K-T	T	64.9/4.9
C12	4030006860	S.CER	C1608 JB 1H 102K-T	T	63.6/4.9
C13	4030006860	S.CER	C1608 JB 1H 102K-T	T	62.3/4.9
C14	4030006860	S.CER	C1608 JB 1H 102K-T	T	61.4/9.2
C15	4030006860	S.CER	C1608 JB 1H 102K-T	T	61.4/8.0
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	35.8/5.7
C17	4030006860	S.CER	C1608 JB 1H 102K-T	T	35.8/4.4
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	61.0/4.9
C22	4030006860	S.CER	C1608 JB 1H 102K-T	T	21.9/7.5
C23	4030006860	S.CER	C1608 JB 1H 102K-T	T	20.7/7.5
C24	4030006860	S.CER	C1608 JB 1H 102K-T	T	21.0/9.3
C25	4030006860	S.CER	C1608 JB 1H 102K-T	T	20.8/13.4
C26	4030006860	S.CER	C1608 JB 1H 102K-T	T	34.6/16.0
C27	4030006860	S.CER	C1608 JB 1H 102K-T	T	33.9/8.3
C31	4030006860	S.CER	C1608 JB 1H 102K-T	T	56.3/3.5
C32	4030006860	S.CER	C1608 JB 1H 102K-T	T	46.9/3.5
C33	4030006860	S.CER	C1608 JB 1H 102K-T	T	108.2/1.6
C34	4030006860	S.CER	C1608 JB 1H 102K-T	T	115.9/3.1
C41	4030007050	S.CER	C1608 CH 1H 220J-T	T	67.5/4.9
C42	4030007050	S.CER	C1608 CH 1H 220J-T	T	77.8/5.3
C43	4030007050	S.CER	C1608 CH 1H 220J-T	T	79.1/5.3
C44	4030007050	S.CER	C1608 CH 1H 220J-T	T	80.4/5.3
C51	4030007050	S.CER	C1608 CH 1H 220J-T	T	10.4/85.7
C52	4030007050	S.CER	C1608 CH 1H 220J-T	T	11.7/85.7
C53	4030007050	S.CER	C1608 CH 1H 220J-T	T	13.0/85.7
C54	4030006860	S.CER	C1608 JB 1H 102K-T	T	15.6/85.7
C55	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.9/85.7
C56	4030006860	S.CER	C1608 JB 1H 102K-T	T	18.2/85.7
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.5/85.7
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	20.8/85.7
C59	4030006860	S.CER	C1608 JB 1H 102K-T	T	22.1/85.7
C60	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.3/85.7
C71	4030006860	S.CER	C1608 JB 1H 102K-T	T	28.5/10.2
C81	4030017810	S.CER	C1608 CH 1H 102J-T	T	7.1/53.3
C101	4030019120	S.CER	GRM188B31E105KA75D	T	133.8/22.6
C105	4030009350	S.CER	C1608 CH 1H 3R5B-T	T	125.5/25.2
C106	4030007160	S.CER	C1608 CH 1H 181J-T	T	125.5/24.0
C111	4030017870	S.CER	C1608 CH 1H 681J-T	T	125.5/28.3
C112	4030011330	S.CER	C1608 CH 1H 391J-T	T	125.5/27.0
C115	4510009920	S.ELE	16 CE 100 LH	T	122.1/18.7
C116	4030006880	S.CER	C1608 JB 1H 472K-T	B	124.9/24.7
C117	4030006880	S.CER	C1608 JB 1H 472K-T	T	129.1/24.0

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C118	4510009920	S.ELE	16 CE 100 LH	T	129.2/18.7
C121	4030007170	S.CER	C1608 CH 1H 221J-T	B	115.0/16.2
C125	4510009920	S.ELE	16 CE 100 LH	T	115.0/18.7
C126	4030006880	S.CER	C1608 JB 1H 472K-T	B	121.1/20.7
C127	4030006880	S.CER	C1608 JB 1H 472K-T	B	117.4/20.6
C128	4510009920	S.ELE	16 CE 100 LH	T	107.9/18.7
C131	4030007170	S.CER	C1608 CH 1H 221J-T	B	126.2/15.5
C141	4030018640	S.CER	C2012 CH 1H 103J-T	B	107.4/28.2
C142	4550003220	S.TAN	TEESVA 1E 105M8R	T	107.0/28.5
C143	4030007010	S.CER	C1608 CH 1H 100D-T	T	105.0/26.0
C144	4030010760	S.CER	C1608 CH 1H 331J-T	T	109.5/24.4
C145	4030018800	S.CER	C3216 CH 1H 223J-T	B	109.8/18.7
C146	4030019120	S.CER	GRM188B31E105KA75D	T	109.5/26.8
C148	4030019560	S.CER	GRM21BB31C106KE15L	B	109.7/24.2
C149	4030011600	S.CER	C1608 JB 1E 104K-T	B	111.6/24.3
C151	4030018640	S.CER	C2012 CH 1H 103J-T	B	117.6/24.9
C152	4550003220	S.TAN	TEESVA 1E 105M8R	T	115.3/28.5
C153	4030007010	S.CER	C1608 CH 1H 100D-T	T	113.6/26.0
C154	4030010760	S.CER	C1608 CH 1H 331J-T	T	118.1/24.4
C155	4030018800	S.CER	C3216 CH 1H 223J-T	B	117.2/22.7
C156	4030019120	S.CER	GRM188B31E105KA75D	T	118.1/25.6
C201	4030011600	S.CER	C1608 JB 1E 104K-T	B	140.4/24.7
C202	4030011600	S.CER	C1608 JB 1E 104K-T	T	145.0/26.1
C203	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.6/28.2
C212	4610001970	S.TRI	TZC3P200A110R00 (TZC03P200A1102)	T	143.1/41.6
C213	4030007050	S.CER	C1608 CH 1H 220J-T	T	144.9/37.9
C215	4030006900	S.CER	C1608 JB 1H 103K-T	B	136.3/31.0
C217	4030006900	S.CER	C1608 JB 1H 103K-T	B	138.0/39.8
C221	4030011600	S.CER	C1608 JB 1E 104K-T	T	139.6/34.6
C222	4550006780	S.TAN	TEESVB2 0J 476M8R	B	141.5/31.6
C223	4030011600	S.CER	C1608 JB 1E 104K-T	B	146.0/32.3
C224	4030006860	S.CER	C1608 JB 1H 102K-T	B	144.0/24.1
C251	4030007170	S.CER	C1608 CH 1H 221J-T	T	105.5/30.6
C252	4030007030	S.CER	C1608 CH 1H 150J-T	T	103.4/32.9
C255	4030007170	S.CER	C1608 CH 1H 221J-T	T	109.2/39.6
C256	4030007030	S.CER	C1608 CH 1H 150J-T	T	105.7/38.0
C301	4030011600	S.CER	C1608 JB 1E 104K-T	B	90.2/21.2
C302	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.3/24.5
C303	4030006900	S.CER	C1608 JB 1H 103K-T	B	94.9/24.5
C304	4030007130	S.CER	C1608 CH 1H 101J-T	B	99.1/21.5
C305	4030011600	S.CER	C1608 JB 1E 104K-T	B	96.5/26.5
C306	4030011600	S.CER	C1608 JB 1E 104K-T	T	94.2/27.5
C307	4030011600	S.CER	C1608 JB 1E 104K-T	T	98.5/30.8
C308	4030006980	S.CER	C1608 CH 1H 070D-T	B	101.8/33.5
C311	4030011600	S.CER	C1608 JB 1E 104K-T	T	95.8/36.2
C313	4030011600	S.CER	C1608 JB 1E 104K-T	B	94.2/43.4
C315	4030011600	S.CER	C1608 JB 1E 104K-T	T	95.0/33.8
C316	4030017870	S.CER	C1608 CH 1H 681J-T	T	92.2/37.5
C317	4030007140	S.CER	C1608 CH 1H 121J-T	T	89.9/38.0
C318	4030007050	S.CER	C1608 CH 1H 220J-T	B	93.3/37.5
C319	4030007150	S.CER	C1608 CH 1H 151J-T	T	88.7/38.0
C321	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.9/42.7
C331	4030011600	S.CER	C1608 JB 1E 104K-T	B	88.7/42.1
C332	4030009530	S.CER	C1608 CH 1H 030B-T	B	79.9/53.8
C333	4030007090	S.CER	C1608 CH 1H 470J-T	B	88.0/48.2
C334	4030007090	S.CER	C1608 CH 1H 470J-T	B	81.4/69.4
C335	4030007030	S.CER	C1608 CH 1H 150J-T	B	83.8/45.1
C336	4030007030	S.CER	C1608 CH 1H 150J-T	B	79.2/64.5
C351	4030011600	S.CER	C1608 JB 1E 104K-T	B	80.4/43.4
C361	4030011600	S.CER	C1608 JB 1E 104K-T	B	84.2/37.9
C362	4030017810	S.CER	C1608 CH 1H 102J-T	T	86.1/39.2
C363	4030007090	S.CER	C1608 CH 1H 470J-T	T	84.9/30.4
C364	4030017810	S.CER	C1608 CH 1H 102J-T	T	56.5/27.8
C365	4030011600	S.CER	C1608 JB 1E 104K-T	T	50.0/32.2
C371	4030011600	S.CER	C1608 JB 1E 104K-T	B	88.0/25.0
C381	4030011600	S.CER	C1608 JB 1E 104K-T	B	84.8/28.9
C501	4030019120	S.CER	GRM188B31E105KA75D	B	18.5/15.5
C502	4030007130	S.CER	C1608 CH 1H 101J-T	T	11.5/19.1
C505	4030009350	S.CER	C1608 CH 1H 3R5B-T	B	15.0/30.2
C506	4030007160	S.CER	C1608 CH 1H 181J-T	B	16.6/30.2
C511	4030017870	S.CER	C1608 CH 1H 681J-T	B	18.2/30.2
C512	4030011330	S.CER	C1608 CH 1H 391J-T	B	19.8/30.2
C515	4510009920	S.ELE	16 CE 100 LH	T	24.0/24.5
C516	4030011600	S.CER	C1608 JB 1E 104K-T	T	24.1/20.3
C517	4030011600	S.CER	C1608 JB 1E 104K-T	T	17.4/26.0
C518	4510009920	S.ELE	16 CE 100 LH	T	12.7/24.3
C521	4030007170	S.CER	C1608 CH 1H 221J-T	B	14.4/34.0
C525	4510009920	S.ELE	16 CE 100 LH	T	24.0/34.0
C526	4030011600	S.CER	C1608 JB 1E 104K-T	T	24.1/29.8
C527	4030011600	S.CER	C1608 JB 1E 104K-T	T	18.5/39.5
C528	4510009920	S.ELE	16 CE 100 LH	T	14.9/32.0
C531	4030007170	S.CER	C1608 CH 1H 221J-T	B	25.0/33.9
C541	4030018640	S.CER	C2012 CH 1H 103J-T	B	39.4/27.5
C542	4550003220	S.TAN	TEESVA 1E 105M8R	B	31.5/32.1
C543	4030007010	S.CER	C1608 CH 1H 100D-T	T	31.0/36.3
C544	4030010760	S.CER	C1608 CH 1H 331J-T	T	29.3/31.0
C545	4030018800	S.CER	C3216 CH 1H 223J-T	B	29.7/37.4
C546	4030019120	S.CER	GRM188B31E105KA75D	T	31.0/31.0
C548	4030019560	S.CER	GRM21BB31C106KE15L	B	26.6/25.6
C549	4030011600	S.CER	C1608 JB 1E 104K-T	B	26.1/27.6
C551	4030018640	S.CER	C2012 CH 1H 103J-T	B	34.8/23.1
C552	4550003220	S.TAN	TEESVA 1E 105M8R	B	31.5/26.4
C553	4030007010	S.CER	C1608 CH 1H 100D-T	T	31.0/28.2
C554	4030010760	S.CER	C1608 CH 1H 331J-T	T	29.3/22.9
C555	4030018800	S.CER	C3216 CH 1H 223J-T	B	28.9/29.3
C556	4030019120	S.CER	GRM188B31E105KA75D	T	31.0/22.9
C601	4030006880	S.CER	C1608 JB 1H 472K-T	B	44.4/60.4
C602	4030006880	S.CER	C1608 JB 1H 472K-T	B	44.9/53.3
C603	4030006880	S.CER	C1608 JB 1H 472K-T	B	40.4/12.0
C604	4030006860	S.CER	C1608 JB 1H 102K-T	B	45.8/10.9
C605	4030006860	S.CER	C1608 JB 1H 102K-T	T	44.7/12.4
C606	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.8/16.2
C612	4610001970	S.TRI	TZC3P200A110R00 (TZC03P200A1102)	B	231.2/89
C615	4030006880	S.CER	C1608 JB 1H 472K-T	B	45.2/42.1
C617	4030006880	S.CER	C1608 JB 1H 472K-T	B	35.8/40.8
C621	4030011600	S.CER	C1608 JB 1E 104K-T	T	22.4/50.3
C622	4030011600	S.CER	C1608 JB 1E 104K-T	B	18.5/44.3
C651	4030009920	S.CER	C1608 CH 1H 050B-T	B	47.5/22.8
C655	4030009920	S.CER	C1608 CH 1H 050B-T	B	41.5/22.1
C701	4030011600	S.CER	C1608 JB 1E 104K-T	B	58.9/19.8
C702	4030011600	S.CER	C1608 JB 1E 104K-T	B	52.6/30.4
C703	4030006880	S.CER	C1608 JB 1H 472K-T	B	54.2/31.2
C704	4030007030	S.CER	C1608 CH 1H 150J-T	B	52.6/27.3
C705	4030006880	S.CER	C1608 JB 1H 472K-T	B	55.8/27.3
C706	4030006880	S.CER	C1608 JB 1H 472K-T	T	51.8/16.2
C707	4030006880	S.CER	C1608 JB 1H 472K-T	T	57.0/17.8
C708	4030006980	S.CER	C1608 CH 1H 070D-T	T	66.9/20.2
C711	4030006880	S.CER	C1608 JB 1H 472K-T	T	72.6/24.9
C712	4030007010	S.CER	C1608 CH 1H 100D-T	B	69.7/26.5
C713	4030007160	S.CER	C1608 CH 1H 181J-T	T	64.1/29.4
C715	4030006880	S.CER	C1608 JB 1H 472K-T	B	75.2/25.7
C716	4030007150	S.CER	C1608 CH 1H 151J-T	T	69.3/32.8
C717	4030007120	S.CER	C1608 CH 1H 820J-T	T	64.3/34.3
C721	4030006880	S.CER	C1608 JB 1H 472K-T	B	69.4/35.9
C731	4030006880	S.CER	C1608 JB 1H 472K-T	B	58.6/34.1
C732	4030007030	S.CER	C1608 CH 1H 150J-T	T	55.5/39.5
C734	4030011770	S.CER	C1608 CH 1H 060B-T	T	60.1/46.6
C737	4030007030	S.CER	C1608 CH 1H 150J-T	T	55.9/50.9
C740	4030006860	S.CER	C1608 JB 1H 102K-T	T	139.7/7.3
C751	4030006880	S.CER	C1608 JB 1H 472K-T	B	67.9/43.3
C761	4030006880	S.CER	C1608 JB 1H 472K-T	T	64.5/39.1
C762	4030007150	S.CER	C1608 CH 1H 151J-T	T	65.3/37.2
C763	4030006990	S.CER	C1608 CH 1H 080D-T	T	71.2/39.3
C764	4030007150	S.CER	C1608 CH 1H 151J-T	T	73.9/36.4
C765	4030006880	S.CER	C1608 JB 1H 472K-T	B	78.0/36.2
C771	4030006880	S.CER	C1608 JB 1H 472K-T	B	73.2/38.5
C1001	4030011600	S.CER	C1608 JB 1E 104K-T	B	85.4/64.2
C1011	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.7/56.6
C1021	4030011600	S.CER	C1608 JB 1E 104K-T	T	106.7/56.3
C1022	4030007140	S.CER	C1608 CH 1H 121J-T	T	94.0/58.8
C1023	4030009920	S.CER	C1608 CH 1H 050B-T	T	103.5/53.0
C1024	4030006860	S.CER	C1608 JB 1H 102K-T	T	99.3/51.1
C1025	4030011600	S.CER	C1608 JB 1E 104K-T	T	100.5/51.1
C1026	4030011600	S.CER	C1608 JB 1E 104K-T	T	95.1/51.7
C1027	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.3/51.7
C1028	4030007080	S.CER	C1608 CH 1H 390J-T	T	94.0/56.2
C1051	4030011600	S.CER	C1608 JB 1E 104K-T	B	114.4/51.8
C1052	4030007140	S.CER	C1608 CH 1H 121J-T	B	120.5/51.8
C1053	4030006900	S.CER	C1608 JB 1H 103K-T	T	125.8/49.4
C1054	4030006900	S.CER	C1608 JB 1H 103K-T	B	126.4/52.8
C1055	4030006900	S.CER	C1608 JB 1H 103K-T	B	126.5/49.0
C1056	4030006900	S.CER	C1608 JB 1H 103K-T	T	125.8/53.8
C1081	4030007060	S.CER	C1608 CH 1H 270J-T	T	120.6/66.4
C1082	4030011340	S.CER	C1608 CH 1H 471J-T	T	125.1/65.9
C1083	4030011600	S.CER	C1608 JB 1E 104K-T	B	123.2/63.3
C1084	4030007060	S.CER	C1608 CH 1H 270J-T	T	122.5/67.1
C1085	4030007060	S.CER	C1608 CH 1H 270J-T	T	118.2/66.4
C1101	4030017810	S.CER	C1608 CH 1H 102J-T	B	136.2/52.2
C1102	4030017810	S.CER	C1608 CH 1H 102J-T	B	140.7/72.9
C1103	4030006860	S.CER	C1608 JB 1H 102K-T	B	142.3/55.6
C1111	4030009990	S.CER	C1608 CH 1H 200J-T	T	140.2/59.4
C1112	4030009650	S.CER	C1608 CH 1H 240J-T	T	138.3/60.2
C1113	4030007040	S.CER	C1608 CH 1H 180J-T	T	139.5/61.3
C1114	4030007090	S.CER	C1608 CH 1H 470J-T	T	138.8/63.1
C1116	4030007040	S.CER	C1608 CH 1H 180J-T	T	141.1/62.8
C1117	4030006860	S.CER	C1608 JB 1H 102K-T	T	137.5/54.9
C1118	4030006860	S.CER	C1608 JB 1H 102K-T	T	137.0/69.1
C1119	4030011600	S.CER	C1608 JB 1E 104K-T	T	136.9/57.1
C1201	4030007110	S.CER	C1608 CH 1H 680J-T	T	139.7/76.0
C1202	4030007050	S.CER	C1608 CH 1H 220J-T	T	140.1/79.2
C1203	4030007110	S.CER	C1608 CH 1H 680J-T	T	143.5/79.9
C1204	4030006860	S.CER	C1608 JB 1H 102K-T	B	144.1/78.1
C1205	4030007030	S.CER	C1608 CH 1H 150J-T	T	139.5/71.5
C1206	4030007020	S.CER	C1608 CH 1H 120J-T	T	145.9/76.3
C1251	4030007030	S.CER	C1608 CH 1H 150J-T	T	143.4/82.5
C1252	4030006900	S.CER	C1608 JB 1H 103K-T	T	142.2/85.4
C1253	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.2/84.1
C1254	4030006860	S.CER	C1608 JB 1H 102K-T	T	146.8/89.7
C1255	4030006900	S.CER	C1608 JB 1H 103K-T	T	146.8/88.5
C1261	4030006860	S.CER	C1608 JB 1H 102K-T	B	150.2/84.9
C1263	4030019560	S.CER	GRM21BB31C106KE15L	B	146.6/84.4
C1264	4030006860	S.CER	C1608 JB 1H 102K-T	T	149.0/83.4
C1265	4030006900	S.CER	C1608 JB 1H 103K-T	T	148.2/85.3
C1301	4030007170	S.CER	C1608 CH 1H 221J-T	T	139.7/84.4
C1302	4030011340	S.CER	C1608 CH 1H 471J-T	T	138.3/83.1
C1303	4030007090	S.CER	C1608 CH 1H 470J-T	T	135.0/89.5
C1304	4030006860	S.CER	C1608 JB 1H 102K-T	B	136.4/78.8
C1351	4030017810	S.CER	C1608 CH 1H 102J-T	B	130.3/86.9
C1352	4030011600	S.CER	C1608 JB 1E 104K-T	B	133.0/92.0
C1353	4030017810	S.CER	C1608 CH 1H 102J-T	B	128.0/93.8
C1354	4030011600	S.CER	C1608 JB 1E 104K-T	B	131.2/95.2
C1355	4030017810	S.CER	C1608 CH 1H 102J-T	T	126.5/94.5
C1356	4030007050	S.CER	C1608 CH 1H 220J-T	T	123.9/94.5
C1357	4030007120	S.CER	C1608 CH 1H 820J-T	T	122.9/92.1
C1358	4030007090	S.CER	C1608 CH 1H 470J-T	T	121.2/94.5
C1359	4030006860	S.CER	C1608 JB 1H 102K-T	B	131.4/92.0
C1361	4030011600	S.CER	C1608 JB 1E 104K-T	T	123.3/82.9
C1362	4030006860	S.CER	C1608 JB 1H 102K-T	T	122.1/82.9
C1400	4030006860	S.CER	C1608 JB 1H 102K-T	T	148.8/15.3
C1451	4030009650	S.CER	C1608 CH 1H 240J-T	T	117.0/63.9
C1452	4030009920	S.CER	C1608 CH 1H 050B-T	T	115.1/64.6
C1453	4030007060	S.CER	C1608 CH 1H 270J-T	T	115.1/62.2
C1454	4030009910	S.CER	C1608 CH 1H 040B-T	T	112.0/62.7
C1455	4030007040	S.CER	C1608 CH 1H 180J-T	T	112.7/60.8
C1471	4030017810	S.CER	C1608 CH 1H 102J-T	T	110.8/61.2
C1472	4030007130	S.CER	C1608 CH 1H 101J-T	B	110.4/64.8
C1473	4030006860	S.CER	C1608 JB 1H 102K-T	B	105.5/60.3
C1474	4030011600	S.CER	C1608 JB 1E 104K-T	B	113.0/62.7

[RF-B UNIT]

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C1475	4030006860	S.CER C1608 JB 1H 102K-T	B	114.6/62.7
C1491	4030007070	S.CER C1608 CH 1H 330J-T	T	105.5/63.9
C1492	4030007140	S.CER C1608 CH 1H 121J-T	T	104.3/63.9
C1493	4030009650	S.CER C1608 CH 1H 240J-T	T	103.8/65.7
C1511	4030011600	S.CER C1608 JB 1E 104K-T	T	90.5/57.0
C1521	4030011600	S.CER C1608 JB 1E 104K-T	T	89.8/61.7
C1522	4030007090	S.CER C1608 CH 1H 470J-T	B	87.5/63.9
C1523	4030006860	S.CER C1608 JB 1H 102K-T	B	87.7/72.7
C1524	4030011600	S.CER C1608 JB 1E 104K-T	B	94.0/65.2
C1525	4030011600	S.CER C1608 JB 1E 104K-T	B	95.6/69.6
C1526	4030007030	S.CER C1608 CH 1H 150J-T	B	93.3/75.6
C1527	4030007090	S.CER C1608 CH 1H 470J-T	B	93.3/74.0
C1552	4030007140	S.CER C1608 CH 1H 121J-T	B	106.0/74.4
C1555	4030006860	S.CER C1608 JB 1H 102K-T	B	106.7/70.2
C1556	4030017810	S.CER C1608 CH 1H 102J-T	T	109.3/76.4
C1557	4030017810	S.CER C1608 CH 1H 102J-T	T	109.3/72.4
C1559	4030007070	S.CER C1608 CH 1H 330J-T	T	113.0/77.2
C1560	4030007070	S.CER C1608 CH 1H 330J-T	T	113.0/71.6
C1561	4030006860	S.CER C1608 JB 1H 102K-T	T	111.8/71.6
C1562	4030006860	S.CER C1608 JB 1H 102K-T	B	112.7/74.4
C1563	4030011600	S.CER C1608 JB 1E 104K-T	B	112.7/76.0
C1564	4030006860	S.CER C1608 JB 1H 102K-T	B	105.2/67.0
C1571	4030017810	S.CER C1608 CH 1H 102J-T	B	93.2/91.0
C1581	4030006860	S.CER C1608 JB 1H 102K-T	T	108.6/65.5
C1611	4030009550	S.CER C1608 CH 1H 2R5B-T	T	128.6/64.6
C1612	4030007170	S.CER C1608 CH 1H 221J-T	T	129.3/71.1
C1613	4030009500	S.CER C1608 CH 1H 0R5B-T	T	129.3/72.4
C1614	4030009570	S.CER C1608 CH 1H 0R3B-T	T	129.3/73.7
C1615	4030007170	S.CER C1608 CH 1H 221J-T	T	129.3/75.0
C1616	4030009550	S.CER C1608 CH 1H 2R5B-T	T	128.5/78.4
C1617	4030017810	S.CER C1608 CH 1H 102J-T	B	131.8/77.8
C1631	4030017810	S.CER C1608 CH 1H 102J-T	B	120.7/82.8
C1651	4030006860	S.CER C1608 JB 1H 102K-T	B	117.4/86.3
C1652	4030011340	S.CER C1608 CH 1H 471J-T	T	117.9/87.0
C1670	4030017810	S.CER C1608 CH 1H 102J-T	T	115.1/86.0
C1671	4030009550	S.CER C1608 CH 1H 2R5B-T	T	110.5/89.5
C1672	4030007170	S.CER C1608 CH 1H 221J-T	T	108.6/88.7
C1673	4030009500	S.CER C1608 CH 1H 0R5B-T	T	107.2/88.7
C1674	4030009570	S.CER C1608 CH 1H 0R3B-T	T	105.8/88.7
C1675	4030007170	S.CER C1608 CH 1H 221J-T	T	104.4/88.7
C1676	4030009550	S.CER C1608 CH 1H 2R5B-T	T	102.2/89.7
C1677	4030017810	S.CER C1608 CH 1H 102J-T	T	105.1/84.1
C1678	4030006860	S.CER C1608 JB 1H 102K-T	T	97.7/91.5
C1701	4030006860	S.CER C1608 JB 1H 102K-T	B	95.6/83.2
C1711	4030006860	S.CER C1608 JB 1H 102K-T	T	98.1/83.1
C2001	4030006880	S.CER C1608 JB 1H 472K-T	B	57.9/56.9
C2011	4030006860	S.CER C1608 JB 1H 102K-T	B	48.0/56.6
C2021	4030006860	S.CER C1608 JB 1H 102K-T	T	50.6/57.1
C2022	4030006860	S.CER C1608 JB 1H 102K-T	B	44.4/53.0
C2023	4030009920	S.CER C1608 CH 1H 050B-T	T	39.5/53.9
C2024	4030011600	S.CER C1608 JB 1E 104K-T	T	45.8/56.4
C2025	4030006860	S.CER C1608 JB 1H 102K-T	T	44.5/56.4
C2027	4030011600	S.CER C1608 JB 1E 104K-T	T	48.6/56.6
C2028	4030009550	S.CER C1608 CH 1H 2R5B-T	T	47.8/51.2
C2029	4030006860	S.CER C1608 JB 1H 102K-T	B	44.7/57.1
C2033	4030007030	S.CER C1608 CH 1H 150J-T	T	47.8/53.6
C2052	4030006860	S.CER C1608 JB 1H 102K-T	B	31.8/64.3
C2053	4030011600	S.CER C1608 JB 1E 104K-T	B	41.0/70.2
C2054	4030006860	S.CER C1608 JB 1H 102K-T	B	41.0/68.6
C2061	4030006860	S.CER C1608 JB 1H 102K-T	T	32.8/70.4
C2062	4030011600	S.CER C1608 JB 1E 104K-T	T	34.1/70.4
C2063	4030007170	S.CER C1608 CH 1H 221J-T	T	36.7/66.7
C2064	4030007170	S.CER C1608 CH 1H 221J-T	T	36.7/70.4
C2065	4030009530	S.CER C1608 CH 1H 030B-T	B	33.5/69.6
C2081	4030011340	S.CER C1608 CH 1H 471J-T	B	34.5/55.3
C2082	4030006860	S.CER C1608 JB 1H 102K-T	B	34.5/56.9
C2202	4030007010	S.CER C1608 CH 1H 100D-T	T	29.0/81.9
C2203	4030007030	S.CER C1608 CH 1H 150J-T	T	33.6/79.6
C2204	4030009990	S.CER C1608 CH 1H 200J-T	T	26.2/80.4
C2205	4030009990	S.CER C1608 CH 1H 200J-T	T	41.0/80.4
C2206	4030007010	S.CER C1608 CH 1H 100D-T	T	38.1/81.9
C2207	4030007170	S.CER C1608 CH 1H 221J-T	B	33.1/76.5
C2208	4030007030	S.CER C1608 CH 1H 150J-T	T	25.3/76.6
C2209	4030007030	S.CER C1608 CH 1H 150J-T	T	27.0/77.8
C2210	4030006940	S.CER C1608 CH 1H 030C-T	T	24.1/78.1
C2251	4030009920	S.CER C1608 CH 1H 050B-T	T	40.2/77.8
C2252	4030006900	S.CER C1608 JB 1H 103K-T	T	43.0/79.6
C2253	4030006860	S.CER C1608 JB 1H 102K-T	T	43.0/80.8
C2254	4030006860	S.CER C1608 JB 1H 102K-T	T	47.0/78.0
C2255	4030006900	S.CER C1608 JB 1H 103K-T	T	47.0/76.8
C2261	4030006860	S.CER C1608 JB 1H 102K-T	B	44.0/76.8
C2262	4030019560	S.CER GRM21BB31C106KE15L	B	44.2/75.0
C2264	4030006900	S.CER C1608 JB 1H 103K-T	T	35.7/77.2
C2265	4030006860	S.CER C1608 JB 1H 102K-T	T	35.7/76.0
C2301	4030007040	S.CER C1608 CH 1H 180J-T	T	47.0/81.1
C2302	4030007170	S.CER C1608 CH 1H 221J-T	T	48.9/83.7
C2303	4030011340	S.CER C1608 CH 1H 471J-T	T	45.2/80.3
C2304	4030009920	S.CER C1608 CH 1H 050B-T	T	45.1/86.4
C2305	4030007170	S.CER C1608 CH 1H 221J-T	B	44.7/84.9
C2351	4030006860	S.CER C1608 JB 1H 102K-T	T	50.8/86.4
C2352	4030011600	S.CER C1608 JB 1E 104K-T	B	38.9/90.7
C2353	4030011340	S.CER C1608 CH 1H 471J-T	T	43.2/89.4
C2354	4030006860	S.CER C1608 JB 1H 102K-T	T	37.1/89.8
C2355	4030011600	S.CER C1608 JB 1E 104K-T	T	35.8/89.8
C2356	4030006860	S.CER C1608 JB 1H 102K-T	B	39.1/86.3
C2357	4030011600	S.CER C1608 JB 1E 104K-T	B	40.7/86.3
C2358	4030006860	S.CER C1608 JB 1H 102K-T	B	41.3/91.5
C2359	4030011340	S.CER C1608 CH 1H 471J-T	T	40.6/92.1
C2361	4030011530	S.CER C1608 CH 1H 110J-T	T	45.1/90.1
C2362	4030007070	S.CER C1608 CH 1H 330J-T	T	46.4/92.1
C2363	4030011770	S.CER C1608 CH 1H 060B-T	T	43.8/92.1
C2364	4030011340	S.CER C1608 CH 1H 471J-T	T	15.1/80.3
C2365	4030011340	S.CER C1608 CH 1H 471J-T	T	16.6/75.9
C2411	4030007020	S.CER C1608 CH 1H 120J-T	T	36.7/60.0
C2412	4030009650	S.CER C1608 CH 1H 240J-T	T	35.5/58.5

[RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C2413	4030006990	S.CER C1608 CH 1H 080D-T	T	34.7/60.5
C2414	4030011530	S.CER C1608 CH 1H 110J-T	T	34.2/58.5
C2415	4030007000	S.CER C1608 CH 1H 090D-T	T	32.1/60.5
C2422	4030006860	S.CER C1608 JB 1H 102K-T	T	33.0/55.0
C2423	4030009350	S.CER C1608 CH 1H 3R5B-T	T	28.6/57.0
C2424	4030006860	S.CER C1608 JB 1H 102K-T	T	31.2/55.9
C2451	4030009920	S.CER C1608 CH 1H 050B-T	T	28.6/58.9
C2452	4030009540	S.CER C1608 CH 1H 1R5B-T	T	28.6/62.5
C2453	4030009920	S.CER C1608 CH 1H 050B-T	T	28.6/60.1
C2454	4030006980	S.CER C1608 CH 1H 070D-T	T	26.7/61.8
C2455	4030009350	S.CER C1608 CH 1H 3R5B-T	T	24.3/61.8
C2456	4030006980	S.CER C1608 CH 1H 070D-T	T	25.5/61.8
C2457	4030009910	S.CER C1608 CH 1H 040B-T	T	25.1/58.6
C2458	4030009910	S.CER C1608 CH 1H 040B-T	T	25.1/59.8
C2471	4030006980	S.CER C1608 CH 1H 070D-T	T	23.1/59.2
C2472	4030011600	S.CER C1608 JB 1E 104K-T	B	20.9/54.5
C2473	4030006860	S.CER C1608 JB 1H 102K-T	B	21.6/55.8
C2474	4030006900	S.CER C1608 JB 1H 103K-T	B	16.9/68.1
C2475	4030011770	S.CER C1608 CH 1H 060B-T	T	25.4/57.4
C2491	4030007030	S.CER C1608 CH 1H 150J-T	T	18.3/64.5
C2492	4030011770	S.CER C1608 CH 1H 060B-T	T	15.7/65.7
C2493	4030007110	S.CER C1608 CH 1H 680J-T	T	15.7/63.3
C2494	4030007020	S.CER C1608 CH 1H 120J-T	T	15.7/62.1
C2511	4030006860	S.CER C1608 JB 1H 102K-T	T	67.0/46.1
C2521	4030006860	S.CER C1608 JB 1H 102K-T	T	65.1/49.1
C2522	4030006880	S.CER C1608 JB 1H 472K-T	B	64.0/47.0
C2523	4030006990	S.CER C1608 CH 1H 080D-T	B	64.0/48.5
C2524	4030006880	S.CER C1608 JB 1H 472K-T	B	71.4/53.9
C2525	4030006880	S.CER C1608 JB 1H 472K-T	B	73.0/59.8
C2526	4030007030	S.CER C1608 CH 1H 150J-T	B	66.6/58.1
C2551	4030007080	S.CER C1608 CH 1H 390J-T	T	72.2/59.1
C2552	4030007020	S.CER C1608 CH 1H 120J-T	T	72.2/61.6
C2553	4030007080	S.CER C1608 CH 1H 390J-T	T	74.0/58.4
C2562	4030011340	S.CER C1608 CH 1H 471J-T	T	48.6/61.6
C2570	4030009540	S.CER C1608 CH 1H 1R5B-T	T	38.9/58.8
C2571	4030009540	S.CER C1608 CH 1H 1R5B-T	T	40.1/58.8
C2572	4030007010	S.CER C1608 CH 1H 100D-T	T	40.9/60.7
C2573	4030006990	S.CER C1608 CH 1H 080D-T	T	42.4/59.2
C2574	4030009920	S.CER C1608 CH 1H 050B-T	T	44.1/61.1
C2575	4030007010	S.CER C1608 CH 1H 100D-T	T	45.9/59.2
C2576	4030009910	S.CER C1608 CH 1H 040B-T	T	45.9/61.6
C2577	4030007010	S.CER C1608 CH 1H 100D-T	T	47.8/59.7
C2580	4030011340	S.CER C1608 CH 1H 471J-T	B	6.2/52.9
C2581	4030011340	S.CER C1608 CH 1H 471J-T	B	40.5/57.3
C2582	4030009530	S.CER C1608 CH 1H 030B-T	T	9.9/72.1
C2583	4030017810	S.CER C1608 CH 1H 102J-T	T	15.9/70.9
C2584	4030009570	S.CER C1608 CH 1H 0R3B-T	T	9.9/70.9
C2585	4030011340	S.CER C1608 CH 1H 471J-T	B	17.8/71.4
C2587	4030017810	S.CER C1608 CH 1H 102J-T	T	14.5/69.0
C2588	4030009550	S.CER C1608 CH 1H 2R5B-T	T	9.1/69.0
C2589	4030017810	S.CER C1608 CH 1H 102J-T	B	12.4/66.0
C2590	4030011340	S.CER C1608 CH 1H 471J-T	T	9.6/64.2
C2591	4030017810	S.CER C1608 CH 1H 102J-T	B	12.0/62.7
C2592	4030006860	S.CER C1608 JB 1H 102K-T	T	8.3/64.2
C2593	4030009510	S.CER C1608 CH 1H 010B-T	T	10.7/60.4
C2594	4030017810	S.CER C1608 CH 1H 102J-T	T	12.6/59.6
C2595	4030009500	S.CER C1608 CH 1H 0R5B-T	T	14.5/59.7
C2596	4030011340	S.CER C1608 CH 1H 471J-T	B	6.9/55.5
C2598	4030017810	S.CER C1608 CH 1H 102J-T	T	14.5/58.5
C2599	4030009520	S.CER C1608 CH 1H 020B-T	T	15.7/60.9
C2601	4030011340	S.CER C1608 CH 1H 471J-T	B	61.8/72.4
C2602	4030011340	S.CER C1608 CH 1H 471J-T	B	50.9/77.5
C2603	4030011340	S.CER C1608 CH 1H 471J-T	T	57.8/76.3
C2604	4030011340	S.CER C1608 CH 1H 471J-T	T	56.4/80.4
C2605	4030011340	S.CER C1608 CH 1H 471J-T	B	50.8/81.2
C2606	4030011340	S.CER C1608 CH 1H 471J-T	B	58.6/83.1
C2607	4030009510	S.CER C1608 CH 1H 010B-T	T	11.7/71.7
C2608	4030009510	S.CER C1608 CH 1H 010B-T	T	12.6/68.2
C2609	4030009510	S.CER C1608 CH 1H 010B-T	T	11.4/58.5
C2610	4030009510	S.CER C1608 CH 1H 010B-T	T	18.7/56.9
C2611	4030011340	S.CER C1608 CH 1H 471J-T	T	56.9/71.4
C2612	4030007010	S.CER C1608 CH 1H 100D-T	B	70.1/66.7
C2613	4030011340	S.CER C1608 CH 1H 471J-T	B	63.3/83.1
C2614	4030011340	S.CER C1608 CH 1H 471J-T	B	63.4/85.8
C2615	4030007010	S.CER C1608 CH 1H 100D-T	B	69.2/69.8
C2616	4030007070	S.CER C1608 CH 1H 330J-T	B	70.8/69.8
C2617	4030011340	S.CER C1608 CH 1H 471J-T	T	63.1/72.4
C2631	4030007010	S.CER C1608 CH 1H 100D-T	B	55.5/87.9
C2632	4030007010	S.CER C1608 CH 1H 100D-T	B	57.8/88.7
C2633	4030007070	S.CER C1608 CH 1H 330J-T	B	53.9/89.1
C2634	4030006940	S.CER C1608 CH 1H 030C-T	B	57.8/87.0
C2635	4030006960	S.CER C1608 CH 1H 050C-T	B	85.1/92.9
C2651	4030009920	S.CER C1608 CH 1H 050B-T	T	57.0/94.3
C2652	4030011340	S.CER C1608 CH 1H 471J-T	T	69.6/73.2
C2653	4030011340	S.CER C1608 CH 1H 471J-T	B	61.3/87.2
C2654	4030011340	S.CER C1608 CH 1H 471J-T	T	57.7/92.5
C2655	4030011340	S.CER C1608 CH 1H 471J-T	T	60.3/92.5
C2656	4030006880	S.CER C1608 JB 1H 472K-T	T	60.0/91.2
C2657	4030011340	S.CER C1608 CH 1H 471J-T	T	75.4/73.0
C2681	4030006990	S.CER C1608 CH 1H 080D-T	T	62.5/91.9
C2682	4030009510	S.CER C1608 CH 1H 010B-T	T	63.3/93.8
C2683	4030006990	S.CER C1608 CH 1H 080D-T	T	63.8/91.9
C2701	4030011340	S.CER C1608 CH 1H 471J-T	T	65.3/94.3
C2702	4030011340	S.CER C1608 CH 1H 471J-T	B	68.6/92.2
C2703	4030011340	S.CER C1608 CH 1H 471J-T	T	67.8/93.2
C2704	4030011340	S.CER C1608 CH 1H 471J-T	B	70.6/96.3
C2705	4030011340	S.CER C1608 CH 1H 471J-T	B	71.4/92.2
C2706	4030011340	S.CER C1608 CH 1H 471J-T	B	80.4/95.6
C2711	4030011340	S.CER C1608 CH 1H 471J-T	B	71.8/89.4
C2712	4030011340	S.CER C1608 CH 1H 471J-T	T	71.2/91.2
C2713	4030011340	S.CER C1608 CH 1H 471J-T	B	75.1/94.8
C2714	4030011340	S.CER C1608 CH 1H 471J-T	B	76.0/90.1
C2751	4030006880	S.CER C1608 JB 1H 472K-T	T	70.4/43.7
C2752	4030011340	S.CER C1608 CH 1H 471J-T	T	69.2/43.7
C2801	4030011340	S.CER C1608 CH 1H 471J-T	B	81.5/88.8

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

RF-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C2802	4030006880	S.CER C1608 JB 1H 472K-T	T	83.5/77.9
C2803	4030011340	S.CER C1608 CH 1H 471J-T	T	84.7/77.9
C2804	4030009920	S.CER C1608 CH 1H 050B-T	T	85.7/82.2
C2805	4030006860	S.CER C1608 JB 1H 102K-T	B	87.0/90.3
C2807	4030011340	S.CER C1608 CH 1H 471J-T	B	84.2/88.7
C2808	4030006860	S.CER C1608 JB 1H 102K-T	T	83.2/87.4
C2831	4030006990	S.CER C1608 CH 1H 080D-T	T	91.1/83.8
C2832	4030009510	S.CER C1608 CH 1H 010B-T	T	93.6/83.8
C2833	4030006990	S.CER C1608 CH 1H 080D-T	T	90.4/85.6
C2834	4030011340	S.CER C1608 CH 1H 471J-T	T	94.9/86.4
J1	6510020001	S.CON 52808-3071(3090)	T	80.3/14.6
J52	6510019981	S.CON 52808-1671(1690)	T	22.7/90.7
J101	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	T	136.7/18.5
J201	6510028210	CON SJ050010 (TMP-J01X-V6)		
J381	6510028210	CON SJ050010 (TMP-J01X-V6)		
J501	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	15.9/15.9
J601	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1351	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1491	6510028210	CON SJ050010 (TMP-J01X-V6)		
J1751	6510028210	CON SJ050010 (TMP-J01X-V6)		
J2351	6510028210	CON SJ050010 (TMP-J01X-V6)		
J2491	6510028210	CON SJ050010 (TMP-J01X-V6)		
EP1	6910014730	S.BEA MPZ2012S331A-T	T	93.1/10.0
EP2	6910015970	S.BEA MMZ1608B 301CT-AS	T	91.5/10.0
EP3	6910015970	S.BEA MMZ1608B 301CT-AS	T	90.2/10.0
EP4	6910015970	S.BEA MMZ1608B 301CT-AS	T	88.9/10.0
EP5	6910015970	S.BEA MMZ1608B 301CT-AS	T	86.3/10.0
EP6	6910015970	S.BEA MMZ1608B 301CT-AS	T	87.6/10.0
EP51	6910014730	S.BEA MPZ2012S331A-T	T	10.6/88.9
EP62	6910019900	S.BEA MPZ1608S601AT	B	21.2/88.4
EP81	6910012350	S.BEA MMZ1608Y 102BT	T	6.3/51.5
EP201	6910012350	S.BEA MMZ1608Y 102BT	B	149.1/27.5
EP601	6910012350	S.BEA MMZ1608Y 102BT	B	9.0/48.1
EP731	6910002161	CAS CASE-BM7H-LF		
EP732	6910002161	CAS CASE-BM7H-LF		
EP1051	6910002161	CAS CASE-BM7H-LF		
EP1052	6910012350	S.BEA MMZ1608Y 102BT	B	116.5/51.8
EP1261	6910015970	S.BEA MMZ1608B 301CT-AS	B	148.5/84.2
EP1521	6910015970	S.BEA MMZ1608B 301CT-AS	T	85.9/72.7
EP2261	6910015970	S.BEA MMZ1608B 301CT-AS	B	39.2/78.1
EP2421	6910012350	S.BEA MMZ1608Y 102BT	B	30.5/56.3
EP2422	6910012350	S.BEA MMZ1608Y 102BT	B	29.8/57.9
EP2521	6910015970	S.BEA MMZ1608B 301CT-AS	T	67.9/52.3
EP2591	6910012350	S.BEA MMZ1608Y 102BT	B	6.8/62.7

[PA-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC121	1180001072	S.IC TA7805F(TE16L1NQ)	B	51.4/99.4
IC301	1110003800	S.IC NJM2904V-TE1-#FMZB	T	64.0/11.0
IC371	1110003800	S.IC NJM2904V-TE1-#FMZB	T	24.9/57.9
IC431	1110006680	S.IC BH2221FV-E2	T	21.6/47.7
IC432	1130011760	S.IC CD4094BPWR	T	190.5/118.5
Q51	1590003680	S.TRA KRC402 RTK/P	B	85.9/76.9
Q201	1560001241	S.FET RD01MUS1-T113	T	15.3/15.5
Q221	1560001530	FET RD15HVF1-101		
Q222	1560001530	FET RD15HVF1-101		
Q241	1560001640	FET RD100HHF1C-103		
Q242	1560001640	FET RD100HHF1C-103		
Q1251	1590003680	S.TRA KRC402 RTK/P	T	205.5/120.0
Q1252	1590003770	S.TRA KRA302E-RTK/P	T	205.5/117.2
Q1253	1590003680	S.TRA KRC402 RTK/P	T	200.3/120.0
Q1254	1590003770	S.TRA KRA302E-RTK/P	T	200.3/117.2
Q1255	1590003680	S.TRA KRC402 RTK/P	T	195.1/120.0
Q1256	1590003770	S.TRA KRA302E-RTK/P	T	195.1/117.2
Q1257	1590003680	S.TRA KRC402 RTK/P	T	197.7/120.0
Q1258	1590003770	S.TRA KRA302E-RTK/P	T	197.7/117.2
Q1259	1590003680	S.TRA KRC402 RTK/P	T	208.1/120.0
Q1260	1590003770	S.TRA KRA302E-RTK/P	T	208.1/117.2
Q1261	1590003680	S.TRA KRC402 RTK/P	T	210.7/120.0
Q1262	1590003770	S.TRA KRA302E-RTK/P	T	210.7/117.2
Q1263	1590003680	S.TRA KRC402 RTK/P	T	202.9/120.0
Q1264	1590003770	S.TRA KRA302E-RTK/P	T	202.9/117.2
D1	1790000700	DIO DSA3A1		
D2	1790000700	DIO DSA3A1		
D3	1790000700	DIO DSA3A1		
D51	1750001320	S.DIO KDS4148U RTK/P	B	89.4/79.1
D244	1750002020	S.DIO DA2S10100L	T	79.1/57.1
D245	1750002020	S.DIO DA2S10100L	T	79.1/9.8
D351	1750002020	S.DIO DA2S10100L	T	28.3/10.1
D352	1750002020	S.DIO DA2S10100L	T	29.8/43.4
D353	1750002020	S.DIO DA2S10100L	T	60.8/18.0
D354	1750002020	S.DIO DA2S10100L	T	67.2/18.0
D371	1790001241	S.DIO MA2S7280GL	T	26.7/53.5
D372	1790001241	S.DIO MA2S7280GL	T	21.5/53.5
D551	1750001320	S.DIO KDS4148U RTK/P	T	226.5/104.6
D651	1750001320	S.DIO KDS4148U RTK/P	T	239.0/97.0
D751	1750001320	S.DIO KDS4148U RTK/P	B	243.8/76.7
D851	1750001320	S.DIO KDS4148U RTK/P	B	243.0/60.6
D951	1750001320	S.DIO KDS4148U RTK/P	B	243.9/44.6
D1051	1750001320	S.DIO KDS4148U RTK/P	B	243.9/33.1
D1151	1750001320	S.DIO KDS4148U RTK/P	B	244.7/18.5
L1	6140003440	COI LR-386 (FK-100E-5003H) [USA]		
	6140003440	COI LR-386 (FK-100E-5003H) [TPE]		
	6140003440	COI LR-386 (FK-100E-5003H) [KOR]		
	6140003440	COI LR-386 (FK-100E-5003H) [CHN]		
	6140003440	COI LR-386 (FK-100E-5003H) [EXP]		
L2	6140003440	COI LR-386 (FK-100E-5003H) [USA]		
	6140003440	COI LR-386 (FK-100E-5003H) [TPE]		
	6140003440	COI LR-386 (FK-100E-5003H) [KOR]		
	6140003440	COI LR-386 (FK-100E-5003H) [CHN]		
	6140003440	COI LR-386 (FK-100E-5003H) [EXP]		
L202	6140002220	COI LR-270 (TR6X3X2 3A9)		
L203	6140002350	COI LR-274 (RIB4X7X5 3A6)		
L221	6140004690	COI LR-530 <KN>		
L241	6140003590	COI LR-400 (TR10X5X5 6H3)		
L242	6140004700	COI LR-529		
L281	6140004570	COI LR-507		
L431	6200005011	S.COI NLV25T-100J	B	71.55/135.7
L432	6200005011	S.COI NLV25T-100J	T	184.6/119.9
L461	6200003241	S.COI NLV32T-221J	T	177.1/83.8
L462	6200003241	S.COI NLV32T-221J	T	182.3/78.2
L501	6140001240	COI LR-149 (T68-2)		
L502	6140001130	COI LR-138 (T68-2)		
L601	6140001160	COI LR-141 (T68-2)		
L602	6140001160	COI LR-141 (T68-2)		
L603	6140001160	COI LR-141 (T68-2)		
L701	6110003570	COI LA-550		
L702	6110003540	COI LA-548 (LA-215A)		
L703	6110003550	COI LA-547 (LA-214A)		
L801	6140001990	COI LR-226 (T68-2)		
L802	6140002000	COI LR-227 (T68-2)		
L901	6140005080	COI LR-563		
L902	6140003460	COI LR-388 (T50-10)		
L903	6140005070	COI LR-562		
L1001	6140001810	COI LR-217 (T50-10)		
L1002	6140005090	COI LR-564		
L1003	6140005100	COI LR-565		
L1051	6200005051	S.COI NLV25T-330J	B	182.5/19.5
L1101	6110002920	COI LA-481		
L1102	6110002910	COI LA-480		
R1	7030011240	S.RES LRF3W-LF-01-R020F	T	108.8/81.2
R2	7030011240	S.RES LRF3W-LF-01-R020F	T	108.8/74.2
R121	7030010260	S.RES ERJ1TYJ 3R3 U	T	28.2/97.9
R201	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	9.4/11.0
R202	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	10.2/8.9
R203	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	12.8/7.4
R204	7030000010	S.RES MCR10EZHJ JPW (000)	T	13.6/10.7
R205	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	12.3/19.3
R206	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	15.8/24.1
R207	7030006210	S.RES ERJ12YJ4R7U (4.7)	T	22.6/10.8
R208	7030008180	S.RES ERJ12YJ331U (330)	T	19.5/22.4
R221	7030008240	S.RES ERJ12Y0R00U	T	30.2/32.4
R222	7030008240	S.RES ERJ12Y0R00U	T	30.2/16.8
R223	7030010480	S.RES ERJ1TYJ 181U (180)	T	39.5/34.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R224	7030010480	S.RES ERJ1TYJ 181U (180)	T	39.5/6.6
R225	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	31.3/43.1
R226	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	31.3/6.2
R242	7030010250	S.RES ERJ1TYJ 0R00U	T	82.5/39.8
R243	7030010250	S.RES ERJ1TYJ 0R00U	T	82.5/27.2
R244	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	80.0/54.8
R245	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	80.0/12.2
R246	7030011130	S.RES ERJ1TYJ 1R0U (1)	T	89.9/53.6
R247	7030011130	S.RES ERJ1TYJ 1R0U (1)	T	89.9/13.5
R248	7030010610	S.RES ERJ1TYJ 470U (47)	T	93.4/38.5
R249	7030010610	S.RES ERJ1TYJ 470U (47)	T	97.4/38.5
R250	7030010610	S.RES ERJ1TYJ 470U (47)	T	97.4/28.5
R251	7030010610	S.RES ERJ1TYJ 470U (47)	T	93.4/28.5
R281	7030010250	S.RES ERJ1TYJ 0R00U	T	142.4/56.9
R283	7030010570	S.RES ERJ1TYJ 4R7U (4.7)	T	153.0/61.7
R284	7030010570	S.RES ERJ1TYJ 4R7U (4.7)	T	156.7/61.7
R301	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	61.5/8.1
R302	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	66.4/8.1
R303	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	58.9/9.2
R304	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	57.6/9.2
R305	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	69.1/9.2
R306	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	70.4/9.2
R307	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	58.9/12.0
R308	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	69.1/12.0
R309	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	58.9/14.8
R310	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	69.1/14.8
R311	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	65.5/12.0
R341	7030005981	S.RES ERA3YED 333V (33K)	B	116.1/82.8
R342	7030005971	S.RES ERA3YKD 683V (68K)	B	120.8/81.3
R343	7030011240	S.RES LRF3W-LF-01-R020F	B	112.3/88.4
R344	7030005981	S.RES ERA3YED 333V (33K)	B	112.2/84.0
R345	7030005971	S.RES ERA3YKD 683V (68K)	B	114.3/81.7
R346	7030009661	S.RES ERA3YED 121V (120)	B	118.4/82.1
R351	7030003310	S.RES ERJ3GEYJ 820 V (82)	T	12.3/20.6
R352	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	T	12.3/21.9
R353	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	21.8/8.0
R354	7030000220	S.RES MCR10EZHJ 47 (470)	T	30.3/8.2
R355	7030000220	S.RES MCR10EZHJ 47 (470)	T	30.3/41.0
R356	7030010950	S.RES ERJ1TYJ 100U (10)	T	61.4/47.4
R357	7030010610	S.RES ERJ1TYJ 470U (47)	T	77.7/16.3
R358	7030010610	S.RES ERJ1TYJ 470U (47)	T	77.7/50.7
R359	7030003860	S.RES ERJ3GE JPW V	T	82.0/5.6
R360	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	83.8/7.7
R361	7510001551	S.THE NTCG16 4LH 333JT	T	95.1/6.2
R362	7030005971	S.RES ERA3YKD 683V (68K)	B	108.8/79.5
R363	7030005981	S.RES ERA3YED 333V (33K)	B	112.7/77.1
R364	7030007661	S.RES ERA3YED 331V (330)	B	109.6/77.1
R365	7030005971	S.RES ERA3YKD 683V (68K)	B	105.6/81.1
R366	7030005981	S.RES ERA3YED 333V (33K)	B	106.8/78.0
R367	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	85.1/9.2
R368	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	84.3/4.1
R371	7030005981	S.RES ERA3YED 333V (33K)	T	30.3/59.0
R372	7030003820	S.RES ERJ3GEYJ 155 V (1.5M)	T	30.3/60.3
R373	7030005981	S.RES ERA3YED 333V (33K)	T	32.1/56.9
R374	7030003820	S.RES ERJ3GEYJ 155 V (1.5M)	T	29.5/56.9
R375	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	29.9/54.8
R377	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	23.2/55.2
R381	7030008141	S.RES ERA3YKD 224V (220K)	T	19.6/59.8
R382	7030005521	S.RES ERA3YKD 334V (330K)	T	23.9/60.6
R383	7030008141	S.RES ERA3YKD 224V (220K)	T	17.7/57.7
R384	7030003750	S.RES ERJ3GEYJ 394 V (390K)	T	20.3/57.7
R385	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	19.9/55.6
R386	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	13.7/25.2
R401	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	11.1/26.5
R404	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	52.2/46.3
R405	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	51.8/48.5
R406	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	50.2/46.3
R407	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	35.0/35.5
R409	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	45.1/71.6
R410	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	11.1/38.2
R411	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	11.1/39.5
R412	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	11.1/36.9
R413	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	11.1/34.3
R414	7030003860	S.RES ERJ3GE JPW V	T	17.4/61.5
R551	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	220.5/107.6
R552	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	220.5/108.9
R651	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	235.0/97.9
R652	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	233.4/97.9
R751	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.4/81.0
R752	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.4/82.6
R851	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.3/65.1
R852	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.3/66.7
R951	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.8/46.5
R952	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.8/48.1
R1051	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.1/36.8
R1052	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.1/38.4
R1151	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.3/22.0
R1152	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	244.3/23.6
C1	4560000170	CER D67X5T 1E 684M51 (MARUWA) [USA]		
	4560000170	CER D67X5T 1E 684M51 (MARUWA) [TPE]		
	4560000170	CER D67X5T 1E 684M51 (MARUWA) [KOR]		
	4560000170	CER D67X5T 1E 684M51 (MARUWA) [CHN]		
	4560000170	CER D67X5T 1E 684M51 (MARUWA) [EXP]		
C2	4030018980	S.CER C1608 JB 1H 104K-T [USA]	T	177.6/102.1
	4030018980	S.CER C1608 JB 1H 104K-T [TPE]		
	4030018980	S.CER C1608 JB 1H 104K-T [KOR]		
	4030018980	S.CER C1608 JB 1H 104K-T [CHN]		
	4030018980	S.CER C1608 JB 1H 104K-T [EXP]		

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C3	4510009250	S.ELE EEEFK1C471P [USA]	T	127.0/107.0
	4510009250	S.ELE EEEFK1C471P [TPE]		
	4510009250	S.ELE EEEFK1C471P [KOR]		
	4510009250	S.ELE EEEFK1C471P [CHN]		
	4510009250	S.ELE EEEFK1C471P [EXP]		
C4	4030004740	S.CER C2012 JB 1H 472K-T [USA]	T	132.2/101.4
	4030004740	S.CER C2012 JB 1H 472K-T [TPE]		
	4030004740	S.CER C2012 JB 1H 472K-T [KOR]		
	4030004740	S.CER C2012 JB 1H 472K-T [CHN]		
	4030004740	S.CER C2012 JB 1H 472K-T [EXP]		
C5	4030004740	S.CER C2012 JB 1H 472K-T [USA]	T	132.2/112.6
	4030004740	S.CER C2012 JB 1H 472K-T [TPE]		
	4030004740	S.CER C2012 JB 1H 472K-T [KOR]		
	4030004740	S.CER C2012 JB 1H 472K-T [CHN]		
	4030004740	S.CER C2012 JB 1H 472K-T [EXP]		
C8	4030018980	S.CER C1608 JB 1H 104K-T	T	92.6/116.0
C9	4030007170	S.CER C1608 CH 1H 221J-T	T	92.6/114.4
C10	4030006880	S.CER C1608 JB 1H 472K-T	T	92.5/89.0
C11	4510009250	S.ELE EEEFK1C471P	T	85.2/99.7
C12	4510009250	S.ELE EEEFK1C471P	T	85.2/90.9
C13	4030005110	S.CER C2012 JB 1E 473K-T	B	96.2/107.0
C51	4030006900	S.CER C1608 JB 1H 103K-T	B	82.3/78.9
C52	4030011600	S.CER C1608 JB 1E 104K-T	B	85.9/79.1
C53	4030006900	S.CER C1608 JB 1H 103K-T	B	89.3/81.0
C121	4030019560	S.CER GRM21BB31C106KE15L	B	42.4/97.6
C122	4030011600	S.CER C1608 JB 1E 104K-T	B	44.2/97.6
C123	4030011600	S.CER C1608 JB 1E 104K-T	B	44.2/101.3
C124	4030019560	S.CER GRM21BB31C106KE15L	B	42.4/101.2
C201	4030007130	S.CER C1608 CH 1H 101J-T	T	8.9/8.9
C204	4030017320	S.CER GRM21BB11H104KA01L (GRM40-034)	T	11.8/14.2
C205	4030008960	S.CER C2012 JB 1C 104K-T	T	14.9/21.7
C206	4030005110	S.CER C2012 JB 1E 473K-T	T	19.4/26.4
C207	4030004720	S.CER C2012 JB 1H 102K-T	T	16.8/10.7
C209	4030005110	S.CER C2012 JB 1E 473K-T	T	23.1/15.3
C210	4030006860	S.CER C1608 JB 1H 102K-T	B	24.9/18.7
C221	4030018530	S.CER C3216 CH 1H 103J-T	T	31.0/11.4
C222	4030018530	S.CER C3216 CH 1H 103J-T	T	31.0/37.8
C224	4030012490	S.CER GRM31M1X2A472JZ01L (GRM42-6 SL)	T	34.0/37.1
C225	4030012490	S.CER GRM31M1X2A472JZ01L (GRM42-6 SL)	T	34.0/9.0
C226	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	49.5/33.5
C227	4030014460	S.CER GRM31M2C2H820JV01L (GRM42-6 CH)	T	47.4/33.5
C240	4030011210	S.CER GRM31M2C2H330JV01L (GRM42-6 CH)	T	84.0/33.5
C243	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	T	86.1/33.5
C244	4030018750	S.CER C3225 CH 2J 682K-T	T	85.7/43.8
C245	4030018750	S.CER C3225 CH 2J 682K-T	T	85.7/23.2
C246	4030018750	S.CER C3225 CH 2J 682K-T	T	93.0/49.1
C247	4030018750	S.CER C3225 CH 2J 682K-T	T	93.0/18.0
C248	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	124.8/58.0
C249	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	134.2/33.5
C250	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	124.8/9.1
C251	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	131.0/33.5
C252	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	127.8/33.5
C253	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	124.6/33.5
C281	4510009250	S.ELE EEEFK1C471P	T	158.9/84.1
C282	4510009250	S.ELE EEEFK1C471P	T	128.8/77.1
C283	4030006880	S.CER C1608 JB 1H 472K-T	T	113.2/92.1
C285	4030011600	S.CER C1608 JB 1E 104K-T	T	150.3/78.2
C286	4030007170	S.CER C1608 CH 1H 221J-T	T	151.9/78.2
C287	4510009250	S.ELE EEEFK1C471P	T	166.6/77.3
C288	4510009250	S.ELE EEEFK1C471P	T	165.9/61.4
C301	4030006900	S.CER C1608 JB 1H 103K-T	B	62.4/12.0
C302	4030011600	S.CER C1608 JB 1E 104K-T	T	61.5/6.8
C303	4030011600	S.CER C1608 JB 1E 104K-T	T	66.4/6.7
C304	4030019560	S.CER GRM21BB31C106KE15L	B	62.6/13.8
C305	4030019120	S.CER GRM188B31E105KA75D	T	4.5/46.7
C341	4030006900	S.CER C1608 JB 1H 103K-T	B	122.4/81.3
C342	4030006900	S.CER C1608 JB 1H 103K-T	B	112.7/81.7
C351	4030008920	S.CER C1608 JB 1H 473K-T	T	11.6/23.8
C353	4030011600	S.CER C1608 JB 1E 104K-T	T	25.6/13.7
C355	4030008920	S.CER C1608 JB 1H 473K-T	T	27.5/7.9
C356	4030008920	S.CER C1608 JB 1H 473K-T	T	30.5/45.8
C357	4030008920	S.CER C1608 JB 1H 473K-T	T	64.9/50.7
C358	4030006860	S.CER C1608 JB 1H 102K-T	T	63.6/50.7
C361	4030011600	S.CER C1608 JB 1E 104K-T	T	61.5/14.1
C362	4030006900	S.CER C1608 JB 1H 103K-T	T	61.5/15.5
C363	4030006900	S.CER C1608 JB 1H 103K-T	T	66.5/14.1
C364	4030011600	S.CER C1608 JB 1E 104K-T	T	87.7/32.6
C366	4030011600	S.CER C1608 JB 1E 104K-T	T	46.9/32.2
C367	4030011600	S.CER C1608 JB 1E 104K-T	T	44.2/23.8
C368	4030006880	S.CER C1608 JB 1H 472K-T	B	62.6/27.9
C369	4030006880	S.CER C1608 JB 1H 472K-T	T	59.9/28.0
C372	4030006900	S.CER C1608 JB 1H 103K-T	T	57.9/32.2
C401	4030006900	S.CER C1608 JB 1H 103K-T	T	58.65/61.75
C404	4030006900	S.CER C1608 JB 1H 103K-T	B	64.0/126.0
C405	4030006900	S.CER C1608 JB 1H 103K-T	B	62.4/126.6
C406	4030006900	S.CER C1608 JB 1H 103K-T	B	60.8/126.0
C407	4030006900	S.CER C1608 JB 1H 103K-T	B	69.9/126.1
C408	4030006900	S.CER C1608 JB 1H 103K-T	T	65.8/129.9
C409	4030018960	S.CER C3216 JB 1C 106MT-N	B	13.8/61.9
C410	4030006900	S.CER C1608 JB 1H 103K-T	B	13.4/63.9
C411	4030006900	S.CER C1608 JB 1H 103K-T	B	14.2/73.5
C412	4030018960	S.CER C3216 JB 1C 106MT-N	B	13.8/71.5

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PA-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C413	4030006900	S.CER C1608 JB 1H 103K-T	B	13.4/67.1
C414	4030018960	S.CER C3216 JB 1C 106MT-N	B	13.8/69.1
C415	4030006900	S.CER C1608 JB 1H 103K-T	B	13.4/75.1
C417	4030006900	S.CER C1608 JB 1H 103K-T	B	14.2/65.5
C419	4030006900	S.CER C1608 JB 1H 103K-T	T	14.7/31.7
C420	4030006900	S.CER C1608 JB 1H 103K-T	T	14.7/33.0
C431	4030006900	S.CER C1608 JB 1H 103K-T	T	30.9/49.4
C432	4030011600	S.CER C1608 JB 1E 104K-T	T	29.5/49.4
C433	4030006880	S.CER C1608 JB 1H 472K-T	T	186.5/120.3
C463	4030006860	S.CER C1608 JB 1H 102K-T	B	173.7/77.8
C464	4030006860	S.CER C1608 JB 1H 102K-T	T	174.3/80.8
C465	4030006860	S.CER C1608 JB 1H 102K-T	T	173.0/80.8
C503	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	194.8/103.9
C504	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	192.4/103.9
C505	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	T	196.4/112.7
C506	4030011180	S.CER GRM31M2C2H220JV01L (GRM42-6 CH)	T	196.4/110.6
C507	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	T	204.0/104.2
C508	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	209.1/104.5
C509	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	206.7/104.5
C510	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	210.7/100.4
C511	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	218.2/102.6
C512	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	T	216.1/96.5
C513	4030011240	S.CER GRM31M2C2H470JV01L (GRM42-6 CH)	T	216.1/98.6
C515	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	191.7/110.1
C517	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	191.6/105.0
C519	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	198.1/100.4
C520	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	198.1/97.1
C521	4030011200	S.CER GRM31M2C2H300JV01L (GRM42-6 CH)	B	198.1/94.7
C522	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	200.5/112.5
C524	4030011200	S.CER GRM31M2C2H300JV01L (GRM42-6 CH)	T	204.0/106.3
C525	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	204.2/110.9
C527	4030011200	S.CER GRM31M2C2H300JV01L (GRM42-6 CH)	T	204.0/108.4
C528	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	B	201.5/104.3
C530	4030011200	S.CER GRM31M2C2H300JV01L (GRM42-6 CH)	B	204.3/104.5
C531	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	216.3/103.2
C533	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	215.8/102.6
C534	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	212.9/104.1
C535	4030011200	S.CER GRM31M2C2H300JV01L (GRM42-6 CH)	T	216.1/100.7
C551	4030006900	S.CER C1608 JB 1H 103K-T	B	179.3/92.5
C552	4030006900	S.CER C1608 JB 1H 103K-T	T	228.1/104.3
C601	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	15.5/43.3
C603	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	201.05/81.1
C604	4030011240	S.CER GRM31M2C2H470JV01L (GRM42-6 CH)	B	203.9/83.9
C605	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	210.6/86.7
C606	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	213.0/87.8
C607	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	T	45.8/17.0
C608	4030011180	S.CER GRM31M2C2H220JV01L (GRM42-6 CH)	B	218.0/83.1
C610	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	221.7/89.4
C611	4030011510	S.CER GRM31M2C2H560JV01L (GRM42-6 CH)	T	42.3/56.1
C612	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	T	37.8/56.1
C614	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	233.7/92.5
C615	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	236.1/91.1
C616	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	200.8/87.7
C617	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	T	195.1/85.9
C619	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	208.2/86.7
C620	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	B	205.8/86.7
C621	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	B	215.9/89.2
C623	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	T	223.1/86.4
C624	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	219.3/89.4

[PA-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C625	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	226.5/89.4
C626	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	225.7/87.4
C629	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	228.9/93.7
C651	4030006900	S.CER C1608 JB 1H 103K-T	B	179.8/85.9
C652	4030006900	S.CER C1608 JB 1H 103K-T	T	238.7/98.5
C702	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)	B	194.5/65.7
C703	4030011170	S.CER GRM31M2C2H180JV01L (GRM42-6 CH)	B	202.0/63.3
C705	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	208.4/59.4
C706	4030011140	S.CER GRM31M2C2H120JV01L (GRM42-6 CH)	B	203.6/59.4
C707	4030011090	S.CER GRM31M2C2H7R0DV01L (GRM42-6 CH)	B	212.9/65.4
C708	4030011240	S.CER GRM31M2C2H470JV01L (GRM42-6 CH)	B	225.3/69.9
C709	4030011240	S.CER GRM31M2C2H470JV01L (GRM42-6 CH)	B	227.7/69.9
C710	4030011140	S.CER GRM31M2C2H120JV01L (GRM42-6 CH)	B	231.6/73.8
C711	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	B	231.6/71.4
C713	4030011210	S.CER GRM31M2C2H330JV01L (GRM42-6 CH)	B	233.8/64.5
C714	4030006900	S.CER C1608 JB 1H 103K-T	B	243.6/79.1
C751	4030006900	S.CER C1608 JB 1H 103K-T	B	180.9/71.5
C801	4030018940	S.CER GRM31A7U2J331JW31D	B	192.2/53.7
C802	4030018940	S.CER GRM31A7U2J331JW31D	B	194.6/53.7
C803	4030018940	S.CER GRM31A7U2J331JW31D	B	197.0/53.7
C804	4030018940	S.CER GRM31A7U2J331JW31D	B	199.4/53.7
C805	4030018940	S.CER GRM31A7U2J331JW31D	B	199.4/48.1
C806	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	206.6/48.1
C807	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	B	204.2/48.1
C808	4030018930	S.CER GRM31A7U2J221JW31D	B	212.1/51.2
C809	4030018940	S.CER GRM31A7U2J331JW31D	B	214.5/51.2
C810	4030018940	S.CER GRM31A7U2J331JW31D	B	216.9/51.7
C811	4030018940	S.CER GRM31A7U2J331JW31D	B	219.3/51.7
C812	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	218.5/46.6
C813	4030019410	S.CER GRM31A7U2J471JW31D	T	224.2/57.0
C814	4030019410	S.CER GRM31A7U2J471JW31D	T	226.3/57.0
C815	4030018940	S.CER GRM31A7U2J331JW31D	T	194.4/53.9
C816	4030018940	S.CER GRM31A7U2J331JW31D	T	196.8/53.9
C817	4030018940	S.CER GRM31A7U2J331JW31D	T	199.2/53.9
C818	4030018940	S.CER GRM31A7U2J331JW31D	T	201.6/53.9
C819	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	192.3/53.9
C820	4030011510	S.CER GRM31M2C2H560JV01L (GRM42-6 CH)	B	201.8/48.1
C821	4030018940	S.CER GRM31A7U2J331JW31D	B	209.8/51.2
C822	4030018940	S.CER GRM31A7U2J331JW31D	T	207.1/53.9
C823	4030018940	S.CER GRM31A7U2J331JW31D	T	209.2/53.9
C824	4030018940	S.CER GRM31A7U2J331JW31D	T	211.3/53.9
C825	4030011510	S.CER GRM31M2C2H560JV01L (GRM42-6 CH)	T	213.4/53.9
C826	4030018940	S.CER GRM31A7U2J331JW31D	T	229.6/58.1
C827	4030018930	S.CER GRM31A7U2J221JW31D	T	231.7/58.1
C828	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)	T	233.8/58.1
C851	4030006900	S.CER C1608 JB 1H 103K-T	B	180.1/58.8
C852	4030006900	S.CER C1608 JB 1H 103K-T	B	244.3/63.3
C902	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	204.8/29.7
C903	4030011190	S.CER GRM31M2C2H270JV01L (GRM42-6 CH)	B	209.2/31.3
C904	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	209.2/33.7
C905	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	T	216.8/33.7
C906	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	T	219.2/33.7
C908	4030011090	S.CER GRM31M2C2H7R0DV01L (GRM42-6 CH)	B	229.2/48.0
C910	4030011210	S.CER GRM31M2C2H330JV01L (GRM42-6 CH)	B	230.3/40.8
C911	4030011140	S.CER GRM31M2C2H120JV01L (GRM42-6 CH)	B	232.7/40.8
C912	4030011190	S.CER GRM31M2C2H270JV01L (GRM42-6 CH)	B	198.1/33.3
C951	4030006900	S.CER C1608 JB 1H 103K-T	B	180.7/34.4
C952	4030006900	S.CER C1608 JB 1H 103K-T	B	242.2/49.5
C1001	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)	T	209.8/20.7
C1002	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	217.7/18.7
C1003	4030011080	S.CER GRM31M2C2H6R0DV01L (GRM42-6 CH)	B	217.7/21.1
C1004	4030014460	S.CER GRM31M2C2H820JV01L (GRM42-6 CH)	B	219.2/31.0
C1005	4030012480	S.CER GRM31M2C2H121JV01L (GRM42-6 CH)	B	221.6/31.0
C1007	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	B	227.9/29.4
C1008	4030014460	S.CER GRM31M2C2H820JV01L (GRM42-6 CH)	T	232.3/30.5
C1011	4030011200	S.CER GRM31M2C2H300JV01L (GRM42-6 CH)	B	224.0/31.0
C1051	4030006900	S.CER C1608 JB 1H 103K-T	B	179.5/23.0
C1052	4030006900	S.CER C1608 JB 1H 103K-T	B	244.1/35.0

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PA-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C1101	4030011730	S.CER	GRM31M2C2H101JV01L (GRM42-6 CH)	T	199.4/5.0
C1102	4030011210	S.CER	GRM31M2C2H330JV01L (GRM42-6 CH)	T	199.4/2.9
C1103	4030011170	S.CER	GRM31M2C2H180JV01L (GRM42-6 CH)	B	208.0/8.6
C1104	4030012480	S.CER	GRM31M2C2H121JV01L (GRM42-6 CH)	T	215.2/5.3
C1105	4030011730	S.CER	GRM31M2C2H101JV01L (GRM42-6 CH)	T	217.6/5.3
C1106	4030011120	S.CER	GRM31M2C2H100JV01L (GRM42-6 CH)	T	220.0/5.3
C1107	4030011240	S.CER	GRM31M2C2H470JV01L (GRM42-6 CH)	B	227.8/9.2
C1108	4030011730	S.CER	GRM31M2C2H101JV01L (GRM42-6 CH)	B	231.7/7.0
C1151	4030006900	S.CER	C1608 JB 1H 103K-T	B	179.5/8.9
C1152	4030006900	S.CER	C1608 JB 1H 103K-T	B	245.1/20.4
C1251	4030006900	S.CER	C1608 JB 1H 103K-T	T	186.6/117.5
C1252	4030006900	S.CER	C1608 JB 1H 103K-T	T	205.5/122.2
C1253	4030006900	S.CER	C1608 JB 1H 103K-T	T	200.3/122.2
C1254	4030006900	S.CER	C1608 JB 1H 103K-T	T	195.1/122.2
C1255	4030006900	S.CER	C1608 JB 1H 103K-T	T	197.7/122.2
C1256	4030006900	S.CER	C1608 JB 1H 103K-T	T	208.1/122.2
C1257	4030006900	S.CER	C1608 JB 1H 103K-T	T	210.7/122.2
C1258	4030006900	S.CER	C1608 JB 1H 103K-T	T	202.9/122.2
RL51	6330001471	REL	AJS1311F-K2		
RL501	6330001721	REL	ATN207-K1		
RL502	6330001721	REL	ATN207-K1		
RL601	6330001721	REL	ATN207-K1		
RL602	6330001721	REL	ATN207-K1		
RL701	6330001721	REL	ATN207-K1		
RL702	6330001721	REL	ATN207-K1		
RL801	6330001721	REL	ATN207-K1		
RL802	6330001721	REL	ATN207-K1		
RL901	6330001721	REL	ATN207-K1		
RL902	6330001721	REL	ATN207-K1		
RL1001	6330001721	REL	ATN207-K1		
RL1002	6330001721	REL	ATN207-K1		
RL1101	6330001721	REL	ATN207-K1		
RL1102	6330001721	REL	ATN207-K1		
CP361	6910009670	S.CHE	HK3-S-T	T	87.9/3.7
CP362	6910009670	S.CHE	HK3-S-T	T	87.9/7.0
J201	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J351	6510018921	S.CON	B8B-PH-SM4-TB(LF)(SN)	T	124.5/89.3
J401	6510020081	S.CON	52808-2071(2090)	T	6.5/31.0
J402	6510020051	S.CON	B11B-PH-SM4-TB(LF)(SN)	T	7.5/67.5
J403	6510018921	S.CON	B8B-PH-SM4-TB(LF)(SN)	T	7.5/99.9
J451	6510014961	S.CON	B2B-ZR-SM4-TF(LF)(SN)	T	22.8/119.6
J462	6510018971	S.CON	B4B-PH-SM4-TB(LF)(SN)	T	177.9/73.9
J1201	6510028210	CON	SJ050010 (TMP-J01X-V6)		
F1	5220000400	HOL	FHA010-01F		
F3	5210000940	FUS	1205		
W1	9062700030	WIR	77/98/040/X98/X98 [EUR]		
	9062700030	WIR	77/98/040/X98/X98 [EUR-01]		
	9062700030	WIR	77/98/040/X98/X98 [ITR]		
	9062700030	WIR	77/98/040/X98/X98 [ESP]		
	9062700030	WIR	77/98/040/X98/X98 [FRA]		
W2	9062700030	WIR	77/98/040/X98/X98 [EUR]		
	9062700030	WIR	77/98/040/X98/X98 [EUR-01]		
	9062700030	WIR	77/98/040/X98/X98 [ITR]		
	9062700030	WIR	77/98/040/X98/X98 [ESP]		
	9062700030	WIR	77/98/040/X98/X98 [FRA]		
W3	9062700030	WIR	77/98/040/X98/X98 [EUR]		
	9062700030	WIR	77/98/040/X98/X98 [EUR-01]		
	9062700030	WIR	77/98/040/X98/X98 [ITR]		
	9062700030	WIR	77/98/040/X98/X98 [ESP]		
	9062700030	WIR	77/98/040/X98/X98 [FRA]		
W4	9062700030	WIR	77/98/040/X98/X98 [EUR]		
	9062700030	WIR	77/98/040/X98/X98 [EUR-01]		
	9062700030	WIR	77/98/040/X98/X98 [ITR]		
	9062700030	WIR	77/98/040/X98/X98 [ESP]		
	9062700030	WIR	77/98/040/X98/X98 [FRA]		
EP1	6910020710	E.O	OT-047 M3		
EP2	6910020710	E.O	OT-047 M3		
EP3	6910020710	E.O	OT-047 M3		
EP4	6910020710	E.O	OT-047 M3		
EP351	6910012350	S.BEA	MMZ1608Y 102BT	T	22.8/13.7
EP352	6910019200	S.BEA	N2012ZPS121T50	T	60.0/44.7
EP353	6910019200	S.BEA	N2012ZPS121T50	T	63.3/44.7
EP354	6910019200	S.BEA	N2012ZPS121T50	T	69.7/47.8
EP401	6910014680	S.BEA	MMZ1608Y 121BT	T	14.6/61.5
EP402	6910014640	S.BEA	MPZ2012S221A-T	T	15.0/65.5
EP403	6910014640	S.BEA	MPZ2012S221A-T	T	15.0/63.5
EP404	6910014640	S.BEA	MPZ2012S221A-T	T	15.0/71.5
EP405	6910014640	S.BEA	MPZ2012S221A-T	T	15.0/69.5
EP406	6910014640	S.BEA	MPZ2012S221A-T	T	15.0/73.5
EP408	6910014690	S.BEA	MPZ1608S221A-T	T	14.7/67.5
EP410	6910014680	S.BEA	MMZ1608Y 121BT	T	11.1/31.7
EP411	6910014680	S.BEA	MMZ1608Y 121BT	T	11.1/33.0
EP420	6910014640	S.BEA	MPZ2012S221A-T	T	16.2/93.9
EP421	6910014640	S.BEA	MPZ2012S221A-T	T	16.2/95.9
EP422	6910014640	S.BEA	MPZ2012S221A-T	T	16.5/98.5

[PA-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
EP423	6910014640	S.BEA	MPZ2012S221A-T	T	17.1/101.7
EP451	6910018930	S.BEA	MPZ2012S601A	T	29.5/116.2
EP452	6910018930	S.BEA	MPZ2012S601A	T	27.2/116.2
EP461	6910018930	S.BEA	MPZ2012S601A	B	172.2/75.1
EP462	6910018930	S.BEA	MPZ2012S601A	T	173.4/68.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PA-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC551	1110003800	S.IC NJM2904V-TE1-#FMZB	T	58.7/17.8
IC552	1110003780	S.IC NJM2902V-TE1-#ZZZB	T	58.7/10.0
IC841	1180001111	S.IC PQ20VZ51J00H S	T	19.4/128.7
IC931	1110006680	S.IC BH2221FV-E2	T	38.7/14.8
IC932	1180001252	S.IC TA7808F(TE16L1NQ)	B	14.4/10.0
Q151	1560001091	S.FET 2SK2854(T2LICOMF)	T	127.2/7.0
Q171	1560001101	S.FET 2SK3074(TE12LF)	T	111.8/7.0
Q201	1560001530	FET RD15HVF1-101		
Q251	1560001591	FET RD70HVF1C-121		
Q341	1590003680	S.TRA KRC402 RTK/P	B	128.2/35.7
Q351	1590001660	S.TRA XP4312(TX)	T	82.6/33.5
Q371	1590003680	S.TRA KRC402 RTK/P	T	82.4/40.7
Q401	1560001611	FET RD60HUF1C-101		
Q402	1560001611	FET RD60HUF1C-101		
Q483	1590003680	S.TRA KRC402 RTK/P	T	26.3/132.8
Q491	1590001660	S.TRA XP4312(TX)	T	13.5/122.8
Q541	1590003680	S.TRA KRC402 RTK/P	B	6.4/129.2
Q542	1520000460	S.TRA 2SB1132 T100 R	T	12.3/131.3
Q551	1530003900	S.TRA KTC4075 BL-RTK/P	B	62.0/17.3
Q553	1530003900	S.TRA KTC4075 BL-RTK/P	B	62.1/6.3
Q554	1530003900	S.TRA KTC4075 BL-RTK/P	B	62.1/11.7
Q701	1560001591	FET RD70HVF1C-121		
Q702	1560001591	FET RD70HVF1C-121		
Q751	1590003680	S.TRA KRC402 RTK/P	T	130.8/133.3
Q831	1590003680	S.TRA KRC402 RTK/P	T	150.4/141.4
Q832	1520000460	S.TRA 2SB1132 T100 R	T	141.2/145.0
Q941	1540000441	S.TRA 2SD1619T-TD-E	T	8.9/15.7
Q942	1530003900	S.TRA KTC4075 BL-RTK/P	T	15.0/14.2
Q943	1540000441	S.TRA 2SD1619T-TD-E	B	8.2/25.2
Q944	1530003900	S.TRA KTC4075 BL-RTK/P	T	15.8/20.0
D341	1750001360	S.DIO L709CER (9401)	T	116.3/46.2
D351	1750001360	S.DIO L709CER (9401)	T	73.7/41.4
D352	1750001360	S.DIO L709CER (9401)	B	75.1/34.6
D371	1750001360	S.DIO L709CER (9401)	B	81.3/42.1
D441	1750001320	S.DIO KDS4148U RTK/P	B	30.4/21.5
D442	1750001320	S.DIO KDS4148U RTK/P	B	39.8/19.8
D451	1710001061	DIO L407CDB		
D452	1710001061	DIO L407CDB		
D453	1710001061	DIO L407CDB		
D454	1710001061	DIO L407CDB		
D471	1710001061	DIO L407CDB		
D472	1710001061	DIO L407CDB		
D473	1710001061	DIO L407CDB		
D483	1790001621	S.DIO 1SV308(TPL3F)	T	27.1/139.7
D501	1720000361	S.DIO HSU88TRF-E	B	42.9/140.4
D511	1720000361	S.DIO HSU88TRF-E	B	21.7/149.3
D757	1750001320	S.DIO KDS4148U RTK/P	T	125.0/132.5
D762	1790001621	S.DIO 1SV308(TPL3F)	T	140.6/129.0
D801	1750000951	S.DIO MA2J7320GL	B	116.7/143.9
D811	1750000951	S.DIO MA2J7320GL	B	137.5/149.1
D851	1750001320	S.DIO KDS4148U RTK/P	B	147.2/57.4
D852	1750001320	S.DIO KDS4148U RTK/P	B	131.8/60.8
D861	1750001320	S.DIO KDS4148U RTK/P	B	147.2/52.9
D862	1750001320	S.DIO KDS4148U RTK/P	B	116.0/62.2
D911	1750001320	S.DIO KDS4148U RTK/P	B	4.5/28.1
D912	1750001320	S.DIO KDS4148U RTK/P	T	9.1/26.0
D916	1790001241	S.DIO MA2S7280GL	T	32.1/14.9
D917	1790001241	S.DIO MA2S7280GL	T	27.7/14.9
D918	1790001241	S.DIO MA2S7280GL	T	29.6/14.9
D919	1790001241	S.DIO MA2S7280GL	T	26.4/16.6
D941	1750001180	S.DIO KDS122 RTK/P	T	17.5/15.4
D942	1750001180	S.DIO KDS122 RTK/P	T	13.0/20.9
L151	6200004961	S.COI NLV25T-R33J	B	110.8/61.9
L152	6200008570	S.COI LQW2BHN6N8D03L	T	101.3/68.6
L171	6200010720	S.COI C2520C-56NG-A	T	111.2/13.7
L172	6200007670	S.COI LQW2BHN10NJ03L	T	107.7/5.8
L201	6200010060	S.COI AS080647-56N	T	108.5/20.2
L261	2040000490	COI EXC-ELDR25C		
L262	6110001780	COI LA-267		
L321	6200010160	S.COI AS080440-22N	T	116.6/36.8
L341	6200008911	S.COI 1812CS-122XJLC	T	127.2/40.9
L342	6200008911	S.COI 1812CS-122XJLC	T	116.8/42.5
L351	6200010740	S.COI C2520C-R27G-A	T	79.1/47.5
L371	6200013000	S.COI 0.25-1.9-13TL 135N <COMO>	T	82.4/45.7
L401	6200010740	S.COI C2520C-R27G-A	T	68.3/28.9
L402	6200010150	S.COI AS080340-15N	T	42.1/23.7
L451	6110000410	COI LA-69		
L452	6110000410	COI LA-69		
L471	6110001660	COI LA-252		
L472	6110001660	COI LA-252		
L473	6200010590	S.COI C2520C-22NG-A	T	33.1/132.3
L482	6200001981	S.COI NLV25T-1R0J	T	25.9/136.1
L491	6110001780	COI LA-267		
L523	6200008911	S.COI 1812CS-122XJLC	T	12.2/144.7
L701	6110001730	COI LA-262		
L702	6110001730	COI LA-262		
L741	6110001360	COI LA-179		
L742	6170000340	COI LW-33		
L752	6200008911	S.COI 1812CS-122XJLC	T	156.1/120.9
L753	6200010780	S.COI C2520C-1R0G-A	T	124.5/130.1
L754	6200010780	S.COI C2520C-1R0G-A	T	115.2/138.5
L762	6200001981	S.COI NLV25T-1R0J	T	143.7/135.7
L763	6200010720	S.COI C2520C-56NG-A	T	144.3/129.2
L771	6110001340	COI LA-177		
L772	6110001340	COI LA-177		
L773	6110001330	COI LA-176		
L821	6200008911	S.COI 1812CS-122XJLC	T	135.2/142.8
L822	6200001831	S.COI NLV32T-100J	T	45.0/13.4

[PA-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R104	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	132.3/5.3
R105	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	131.5/7.4
R106	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	130.8/5.3
R151	7030003300	S.RES ERJ3GEYJ 680 V (68)	T	128.7/12.3
R152	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	125.9/10.9
R153	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	125.9/13.6
R154	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	125.9/12.3
R155	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	121.4/12.3
R156	7030008190	S.RES ERJ12YJ330U (33)	T	120.4/19.5
R171	7030003290	S.RES ERJ3GEYJ 560 V (56)	T	115.9/10.2
R172	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	112.7/11.0
R173	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	116.7/13.1
R174	7030003530	S.RES ERJ3GEYJ 562 V (5.6K)	T	117.9/13.1
R201	7030000230	S.RES MCR10EZHJ 56 (560)	T	100.9/4.8
R202	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	98.5/4.4
R203	7030010820	S.RES ERJ1TYJ 221U (220)	T	106.5/12.0
R206	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	95.9/4.4
R251	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	89.9/20.9
R252	7030000220	S.RES MCR10EZHJ 47 (470)	T	93.1/20.4
R254	7030000220	S.RES MCR10EZHJ 47 (470)	T	93.1/22.2
R341	7030006070	S.RES ERJ12YJ101U (100)	B	125.6/41.5
R342	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	126.0/35.9
R351	7070001250	RES ERG3SJ 151P (150)		
R352	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	75.9/23.5
R371	7030006070	S.RES ERJ12YJ101U (100)	B	80.8/31.7
R372	7030000340	S.RES MCR10EZHJ 470 (471)	B	82.0/38.4
R373	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	82.5/36.2
R441	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	37.0/16.3
R442	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	39.8/16.3
R443	7030010820	S.RES ERJ1TYJ 221U (220)	B	22.9/38.2
R444	7030010820	S.RES ERJ1TYJ 221U (220)	B	53.0/38.0
R445	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	34.0/23.8
R446	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	27.6/23.8
R447	7030010820	S.RES ERJ1TYJ 221U (220)	B	23.1/34.2
R448	7030010820	S.RES ERJ1TYJ 221U (220)	B	53.1/34.0
R482	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	28.6/137.2
R484	7030000340	S.RES MCR10EZHJ 470 (471)	T	25.5/139.7
R485	7030003860	S.RES ERJ3GE JPW V	T	32.5/141.2
R486	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	28.0/132.5
R491	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	13.4/120.5
R492	7030010480	S.RES ERJ1TYJ 181U (180)	B	22.1/115.3
R502	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	37.9/136.9
R503	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	22.9/139.9
R504	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	24.5/139.9
R511	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	43.7/149.4
R512	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	22.6/152.6
R513	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	11.6/149.3
R514	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	43.7/147.8
R531	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	6.8/136.1
R532	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	11.8/135.3
R541	7030003660	S.RES ERJ3GEYJ 683 V (68K)	T	8.6/131.3
R542	7030009950	S.RES ERJ8GEYJ 681V (680)	B	8.7/130.1
R551	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	67.7/18.2
R552	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	64.1/18.2
R553	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	65.4/16.9
R554	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	63.3/16.1
R555	7030003390	S.RES ERJ3GEYJ 391 V (390)	T	65.4/15.6
R556	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	49.6/18.8
R557	7030003860	S.RES ERJ3GE JPW V	T	53.2/18.8
R559	7030003860	S.RES ERJ3GE JPW V	T	53.9/16.8
R561	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	B	68.4/17.1
R562	7030003390	S.RES ERJ3GEYJ 391 V (390)	B	65.2/16.4
R563	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	60.8/14.4
R571	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	57.7/16.6
R572	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	57.7/8.6
R573	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	49.7/10.7
R574	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	49.7/9.4
R575	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	53.3/10.7
R576	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	52.0/12.0
R577	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	53.3/9.4
R578	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	52.0/8.1
R579	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	54.0/12.7
R580	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	54.0/7.3
R581	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	52.0/13.3
R582	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	52.0/6.8
R583	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	67.7/9.3
R584	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	67.7/10.8
R585	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	64.1/9.3
R586	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	65.2/7.9
R587	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	64.1/10.8
R588	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	65.4/12.1
R589	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	63.3/7.2
R590	7030003650	S.RES ERJ3GEYJ 563 V (56K)	T	63.3/12.8
R591	7030003390	S.RES ERJ3GEYJ 391 V (390)	T	65.2/6.5
R592	7030003390	S.RES ERJ3GEYJ 391 V (390)	T	65.4/13.4
R593	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	B	65.2/5.4
R594	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	B	65.2/13.9
R595	7030003390	S.RES ERJ3GEYJ 391 V (390)	B	65.2/7.0
R596	7030003390	S.RES ERJ3GEYJ 391 V (390)	B	65.2/12.3
R597	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	58.9/5.9
R598	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	60.8/9.0
R753	7030009891	S.RES ERA3YED 151V (150)	T	127.9/133.0
R755	7030009891	S.RES ERA3YED 151V (150)	T	127.9/131.8
R756	7030009661	S.RES ERA3YED 121V (120)	T	121.0/134.3
R757	7030009661	S.RES ERA3YED 121V (120)	T	119.8/135.5
R762	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	138.4/128.3
R764	7030000340	S.RES MCR10EZHJ 470 (471)	T	143.8/132.4
R802	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	116.2/148.4
R803	7030003380	S.RES ERJ3GEYJ 331 V (330)	B	129.0/151.4
R804	7030003370	S.RES ERJ3GEYJ 271 V (270)	B	128.1/149.5
R811	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	124.8/139.9
R812	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	142.2/149.1
R813	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	144.3/146.9
R814	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	126.1/139.9
R821	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	141.9/141.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PA-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R822	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	143.8/141.1
R831	7030003660	S.RES ERJ3GEYJ 683 V (68K)	T	144.7/145.6
R832	7030009950	S.RES ERJ8GEYJ 681V (680)	T	147.8/143.0
R841	7030003700	S.RES ERJ3GEYJ 154 V (150K)	T	15.3/121.1
R842	7030003470	S.RES ERJ3GEYJ 182 V (1.8K) [USA]	T	22.6/121.1
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [EUR]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [EUR-01]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [ITR]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [ESP]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [TPE]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [KOR]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [CHN]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [FRA]		
	7030003440	S.RES ERJ3GEYJ 102 V (1K) [EXP]		
R843	7030003540	S.RES ERJ3GEYJ 682 V (6.8K) [USA]	T	19.6/120.4
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [EUR]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [EUR-01]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [ITR]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [ESP]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [TPE]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [KOR]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [CHN]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [FRA]		
	7030003550	S.RES ERJ3GEYJ 822 V (8.2K) [EXP]		
R844	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	19.6/121.7
R856	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	132.6/58.1
R857	7030010910	S.RES ERJ1TYJ 150U (15)	B	136.2/63.2
R866	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	114.9/59.0
R867	7030010910	S.RES ERJ1TYJ 150U (15)	B	113.2/64.1
R901	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	35.8/7.0
R902	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	34.2/7.8
R903	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	39.0/7.0
R904	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	37.4/7.8
R905	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	44.6/14.0
R906	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	43.0/16.3
R907	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	40.6/7.8
R931	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	22.9/15.5
R932	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	21.6/15.9
R933	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	20.3/16.2
R941	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	12.1/17.1
R942	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	13.3/17.1
R943	7030006060	S.RES ERJ12YJ100U (10)	B	9.0/20.2
R944	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	11.1/19.9
R945	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	17.7/13.3
R946	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	19.0/17.9
R947	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	14.5/17.1
R948	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	15.7/17.1
R949	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	9.8/19.9
R950	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	8.5/19.9
R951	7510001551	S.THE NTCG16 4LH 333JT	B	152.5/68.6
R952	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	156.5/66.2
R953	7030003860	S.RES ERJ3GE JPW V	T	156.5/64.7
R954	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	25.0/8.0
R955	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	155.8/49.7
R961	7510001551	S.THE NTCG16 4LH 333JT	B	6.6/38.9
R962	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	6.7/36.3
R963	7030003860	S.RES ERJ3GE JPW V	T	7.4/34.3
R964	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	27.0/8.5
R965	7030003430	S.RES ERJ3GEYJ 821 V (820)	T	5.2/35.0
R966	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	8.9/30.9
R972	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	155.3/130.3
R973	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	157.0/135.3
R974	7030003860	S.RES ERJ3GE JPW V	T	156.0/128.4
R975	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	157.0/137.9
R980	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	4.6/127.1
R984	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	3.4/127.1
R988	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	3.3/119.4
R989	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	3.3/122.0
R992	7030008240	S.RES ERJ12Y0R00U	B	127.5/132.4
R993	7030008240	S.RES ERJ12Y0R00U	B	133.5/128.9
R994	7030008240	S.RES ERJ12Y0R00U	B	148.8/145.5
R995	7030003860	S.RES ERJ3GE JPW V	B	146.9/149.3
R996	7030003860	S.RES ERJ3GE JPW V	B	8.5/141.9
C151	4030006860	S.CER C1608 JB 1H 102K-T	T	130.8/9.5
C152	4030011600	S.CER C1608 JB 1E 104K-T	T	128.7/13.6
C153	4030007130	S.CER C1608 CH 1H 101J-T	T	128.7/10.9
C154	4030011600	S.CER C1608 JB 1E 104K-T	T	123.0/15.0
C155	4030006850	S.CER C1608 JB 1H 471K-T	T	121.7/15.0
C156	4030006860	S.CER C1608 JB 1H 102K-T	T	120.4/15.0
C158	4510009770	S.ELE 16 CE 47 FS	T	127.1/18.0
C159	4030007130	S.CER C1608 CH 1H 101J-T	T	123.3/9.3
C160	4030007010	S.CER C1608 CH 1H 100D-T	T	121.2/7.2
C161	4030011600	S.CER C1608 JB 1E 104K-T	T	117.9/19.7
C171	4030007030	S.CER C1608 CH 1H 150J-T	T	117.9/10.2
C172	4030006860	S.CER C1608 JB 1H 102K-T	T	115.5/13.1
C173	4030011600	S.CER C1608 JB 1E 104K-T	T	114.3/13.1
C174	4030011600	S.CER C1608 JB 1E 104K-T	T	114.7/10.2
C175	4030006860	S.CER C1608 JB 1H 102K-T	T	109.0/14.3
C176	4030018960	S.CER C3216 JB 1C 106MT-N	T	114.6/16.8
C178	4030007130	S.CER C1608 CH 1H 101J-T	T	103.1/5.6
C179	4030007020	S.CER C1608 CH 1H 120J-T	T	104.7/5.6
C201	4030011600	S.CER C1608 JB 1E 104K-T	T	97.2/4.4
C202	4030004720	S.CER C2012 JB 1H 102K-T	T	103.7/8.6
C204	4030004870	S.CER C2012 CH 1H 100D-T	T	103.7/13.5
C207	4030004930	S.CER C2012 CH 1H 330J-T	T	100.3/18.9
C210	4030006860	S.CER C1608 JB 1H 102K-T	T	114.5/19.9
C211	4030011600	S.CER C1608 JB 1E 104K-T	T	114.0/15.1
C243	4030011210	S.CER GRM31M2C2H330JV01L		
		(GRM42-6 CH)	T	103.8/30.4
C251	4030006860	S.CER C1608 JB 1H 102K-T	T	89.9/22.4
C261	4510009880	S.ELE EEEHBC471UAP	T	140.8/16.5
C262	4510009880	S.ELE EEEHBC471UAP	T	136.8/27.4
C263	4030006860	S.CER C1608 JB 1H 102K-T	T	148.8/26.3

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C264	4030006880	S.CER C1608 JB 1H 472K-T	B	111.1/57.8
C265	4510009880	S.ELE EEEHBC471UAP	T	136.8/38.2
C266	4030006850	S.CER C1608 JB 1H 471K-T	B	109.5/57.8
C302	4030017960	S.CER ERF22X 6C2H 330J D01L	T	93.1/44.3
C304	4030017960	S.CER ERF22X 6C2H 330J D01L	T	103.8/44.3
C306	4030011090	S.CER GRM31M2C2H7R0DV01L		
		(GRM42-6 CH)	B	98.5/47.6
C321	4030011180	S.CER GRM31M2C2H220JV01L		
		(GRM42-6 CH)	T	119.9/33.1
C323	4030017960	S.CER ERF22X 6C2H 330J D01L	T	125.2/30.4
C324	4030017960	S.CER ERF22X 6C2H 330J D01L	T	125.2/33.7
C341	4030006860	S.CER C1608 JB 1H 102K-T	B	130.4/36.0
C342	4030006860	S.CER C1608 JB 1H 102K-T	B	124.4/35.9
C343	4030011600	S.CER C1608 JB 1E 104K-T	T	120.5/40.2
C351	4030018450	S.CER ERF22X 6C2H 8R0D D01L	B	94.7/49.3
C352	4030018040	S.CER ERF22X 6C2H 180J D01L	B	88.8/47.7
C353	4030019420	S.CER GRM31A7U2J102JW31D	B	80.2/47.1
C354	4030006860	S.CER C1608 JB 1H 102K-T	T	75.9/24.8
C355	4030018420	S.CER ERF22X 6C2H 5R0C D01L	B	94.7/52.6
C356	4030011040	S.CER GRM31M4C2H2R0CY21L		
		(GRM42-6 CK)	T	75.9/48.2
C371	4030011600	S.CER C1608 JB 1E 104K-T	T	82.5/37.5
C372	4030006860	S.CER C1608 JB 1H 102K-T	T	26.0/55.2
C373	4030006860	S.CER C1608 JB 1H 102K-T	T	59.4/29.7
C374	4030019420	S.CER GRM31A7U2J102JW31D	T	143.3/27.9
C401	4030011170	S.CER GRM31M2C2H180JV01L		
		(GRM42-6 CH)	T	44.0/10.9
C403	4610002260	TRI CVC20-41KR-PB		
C404	4030011160	S.CER GRM31M2C2H150JV01L		
		(GRM42-6 CH)	T	59.3/60.25
C405	4030011160	S.CER GRM31M2C2H150JV01L		
		(GRM42-6 CH)	T	59.0/80.9
C406	4030011060	S.CER GRM31M2C2H4R0CY21L		
		(GRM42-6 CH)	T	37.4/38.8
C411	4030018290	S.CER ERF22X 6C2H 390J D01L	T	14.1/58.4
C412	4030018290	S.CER ERF22X 6C2H 390J D01L	T	54.1/58.4
C413	4030018290	S.CER ERF22X 6C2H 390J D01L	T	21.9/58.4
C414	4030018290	S.CER ERF22X 6C2H 390J D01L	T	61.9/58.4
C419	4030011020	S.CER GRM31M4C2H1R0CY21L		
		(GRM42-6 CK)	T	43.4/103.2
C420	4030011020	S.CER GRM31M4C2H1R0CY21L		
		(GRM42-6 CK)	T	32.9/103.2
C421	4030019420	S.CER GRM31A7U2J102JW31D	T	39.7/92.5
C422	4030011740	S.CER GRM32N2C2H201JV01L		
		(GRM42-2 CH)	T	36.2/112.1
C423	4030011740	S.CER GRM32N2C2H201JV01L		
		(GRM42-2 CH)	T	40.1/112.1
C424	4030011050	S.CER GRM31M3C2H3R0CY21L		
		(GRM42-6 CJ)	T	59.2/120.1
C425	4030011180	S.CER GRM31M2C2H220JV01L		
		(GRM42-6 CH)	T	23.3/42.7
C426	4030011180	S.CER GRM31M2C2H220JV01L		
		(GRM42-6 CH)	T	52.8/42.7
C429	4030011180	S.CER GRM31M2C2H220JV01L		
		(GRM42-6 CH)	T	12.8/42.7
C430	4030011180	S.CER GRM31M2C2H220JV01L		
		(GRM42-6 CH)	T	63.3/42.7
C431	4510009880	S.ELE EEEHBC471UAP	T	72.1/82.7
C432	4030007170	S.CER C1608 CH 1H 221J-T	B	68.8/91.9
C433	4030006880	S.CER C1608 JB 1H 472K-T	B	68.8/87.9
C434	4030011600	S.CER C1608 JB 1E 104K-T	B	68.8/86.3
C435	4030011040	S.CER GRM31M4C2H2R0CY21L		
		(GRM42-6 CK)	T	43.6/115.8
C436	4030011160	S.CER GRM31M2C2H150JV01L		
		(GRM42-6 CH)	T	35.9/35.0
C437	4030011160	S.CER GRM31M2C2H150JV01L		
		(GRM42-6 CH)	T	41.0/35.0
C438	4030011060	S.CER GRM31M2C2H4R0CY21L		
		(GRM42-6 CH)	T	39.5/38.8
C441	4030006860	S.CER C1608 JB 1H 102K-T	B	25.4/30.7
C442	4030006860	S.CER C1608 JB 1H 102K-T	B	50.9/30.5
C443	4030007090	S.CER C1608 CH 1H 470J-T	B	27.0/30.7
C444	4030007090	S.CER C1608 CH 1H 470J-T	B	49.3/30.5
C451	4030011050	S.CER GRM31M3C2H3R0CY21L		
		(GRM42-6 CJ)	T	62.9/146.2
C452	4030018540	S.CER ERF22X 6C2H 7R0D D01L	T	52.7/147.4
C453	4030011050	S.CER GRM31M3C2H3R0CY21L		
		(GRM42-6 CJ)	T	43.6/147.2
C454	4030011020	S.CER GRM31M4C2H1R0CY21L		
		(GRM42-6 CK)	T	55.7/144.1
C455	4030011040	S.CER GRM31M4C2H2R0CY21L		
		(GRM42-6 CK)	T	47.5/145.6
C456	4030019420	S.CER GRM31A7U2J102JW31D	T	64.5/140.5
C457	4030019420	S.CER GRM31A7U2J102JW31D	T	64.5/142.6
C471	4030011070	S.CER GRM31M2C2H5R0CY21L		
		(GRM42-6 CH)	T	61.5/133.4
C472	4030011100	S.CER GRM31M2C2H8R0DV01L		
		(GRM42-6 CH)	T	51.2/134.4
C473	4030006970	S.CER C1608 CH 1H 060D-T	T	35.4/137.2
C474	4030006980	S.CER C1608 CH 1H 070D-T	T	33.9/138.7
C475	4030011040	S.CER GRM31M4C2H2R0CY21L		
		(GRM42-6 CK)	T	61.5/131.3
C477	4030009520	S.CER C1608 CH 1H 020B-T	T	35.0/129.4
C478	4030008560	S.CER C1608 CH 1H 300J-T	T	33.9/135.9
C482	4030006860	S.CER C1608 JB 1H 102K-T	T	27.8/135.4
C483	4030006860	S.CER C1608 JB 1H 102K-T	T	22.2/140.2
C484	4030006860	S.CER C1608 JB 1H 102K-T	T	28.3/132.8
C491	4030006860	S.CER C1608 JB 1H 102K-T	T	13.4/119.2
C492	4030006860	S.CER C1608 JB 1H 102K-T	B	27.4/119.4
C501	4030007170	S.CER C1608 CH 1H 221J-T	B	36.0/139.3
C502	4030006860	S.CER C1608 JB 1H 102K-T	B	38.7/138.5
C503	4030011770	S.CER C1608 CH 1H 060B-T	B	39.2/141.1
C504	4030011770	S.CER C1608 CH 1H 060B-T	B	40.8/141.1
C511	4030009910	S.CER C1608 CH 1H 040B-T	B	23.6/148.7
C512	4030006860	S.CER C1608 JB 1H 102K-T	B	25.9/151.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C513	4030006860	S.CER C1608 JB 1H 102K-T	B	11.6/144.6
C514	4030007170	S.CER C1608 CH 1H 221J-T	B	13.5/151.9
C515	4030006860	S.CER C1608 JB 1H 102K-T	B	11.9/151.9
C516	4030009520	S.CER C1608 CH 1H 020B-T	B	25.2/148.7
C521	4030006860	S.CER C1608 JB 1H 102K-T	T	10.3/139.5
C522	4030007170	S.CER C1608 CH 1H 221J-T	T	10.3/138.2
C523	4030006860	S.CER C1608 JB 1H 102K-T	T	10.3/136.9
C531	4030007170	S.CER C1608 CH 1H 221J-T	B	2.5/136.1
C532	4030007170	S.CER C1608 CH 1H 221J-T	B	8.2/136.1
C533	4030006850	S.CER C1608 JB 1H 471K-T	B	9.6/136.1
C541	4030007170	S.CER C1608 CH 1H 221J-T	B	2.7/132.3
C542	4030007170	S.CER C1608 CH 1H 221J-T	T	6.0/131.3
C543	4030007170	S.CER C1608 CH 1H 221J-T	B	4.3/132.3
C544	4030006860	S.CER C1608 JB 1H 102K-T	T	7.3/131.3
C546	4030006850	S.CER C1608 JB 1H 471K-T	B	5.8/132.3
C547	4030006860	S.CER C1608 JB 1H 102K-T	T	10.3/134.5
C551	4030011600	S.CER C1608 JB 1E 104K-T	B	56.5/18.2
C552	4030011600	S.CER C1608 JB 1E 104K-T	B	56.5/11.4
C561	4030011600	S.CER C1608 JB 1E 104K-T	T	68.4/16.3
C581	4030011600	S.CER C1608 JB 1E 104K-T	T	49.9/12.7
C582	4030011600	S.CER C1608 JB 1E 104K-T	T	49.9/7.3
C593	4030011600	S.CER C1608 JB 1E 104K-T	T	67.9/7.3
C594	4030011600	S.CER C1608 JB 1E 104K-T	T	68.4/12.6
C706	4030011210	S.CER GRM31M2C2H330JV01L (GRM42-6 CH)	T	122.7/54.7
C707	4030011190	S.CER GRM31M2C2H270JV01L (GRM42-6 CH)	T	124.3/51.1
C709	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	T	125.9/56.8
C710	4030018470	S.CER ERF22X 6C2H 220J D01L	T	123.1/64.8
C711	4030018050	S.CER ERF22X 6C2H 270J D01L	T	128.5/64.8
C712	4030019420	S.CER GRM31A7U2J102JW31D	B	123.2/58.7
C713	4030019420	S.CER GRM31A7U2J102JW31D	B	127.0/62.1
C715	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	T	137.5/70.0
C718	4030011230	S.CER GRM31M2C2H390JV01L (GRM42-6 CH)	T	114.6/70.0
C720	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	118.1/59.2
C721	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	133.6/59.2
C722	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	115.7/59.2
C723	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)	T	136.1/59.2
C724	4030003810	S.MIC UC342H 1200J-T	T	124.1/93.4
C725	4030003810	S.MIC UC342H 1200J-T	T	127.8/93.4
C726	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)	T	128.1/111.9
C727	4030011140	S.CER GRM31M2C2H120JV01L (GRM42-6 CH)	T	125.9/111.9
C728	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)	T	123.7/111.9
C729	4030011090	S.CER GRM31M2C2H7R0DV01L (GRM42-6 CH)	T	123.2/117.8
C730	4030017980	S.CER ERF22X 6C2H 470J D01L	T	128.0/117.9
C732	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)	T	121.7/124.4
C733	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)	T	121.7/122.3
C737	4030011090	S.CER GRM31M2C2H7R0DV01L (GRM42-6 CH)	T	125.3/117.8
C740	4030006980	S.CER C1608 CH 1H 070D-T	T	93.9/99.0
C741	4030007170	S.CER C1608 CH 1H 221J-T	B	92.0/101.6
C742	4030011600	S.CER C1608 JB 1E 104K-T	B	92.0/99.8
C743	4510009300	S.ELE EEEHB1H2R2R	T	81.7/104.3
C744	4030007170	S.CER C1608 CH 1H 221J-T	B	88.8/84.2
C745	4030006880	S.CER C1608 JB 1H 472K-T	B	87.2/84.2
C746	4030011600	S.CER C1608 JB 1E 104K-T	B	85.6/84.2
C747	4030007170	S.CER C1608 CH 1H 221J-T	B	84.0/84.2
C748	4510009880	S.ELE EEEHBC471UAP	T	77.6/92.9
C749	4510009880	S.ELE EEEHBC471UAP	T	72.1/71.8
C750	4030006900	S.CER C1608 JB 1H 103K-T	T	127.2/129.9
C751	4030006860	S.CER C1608 JB 1H 102K-T	T	128.5/129.9
C752	4030007090	S.CER C1608 CH 1H 470J-T	T	131.1/129.9
C753	4030011340	S.CER C1608 CH 1H 471J-T	T	129.8/129.9
C754	4030006900	S.CER C1608 JB 1H 103K-T	T	130.6/135.2
C755	4030019420	S.CER GRM31A7U2J102JW31D	T	119.2/53.1
C756	4030011210	S.CER GRM31M2C2H330JV01L (GRM42-6 CH)	T	124.3/49.0
C757	4030006900	S.CER C1608 JB 1H 103K-T	T	126.4/134.3
C758	4030006900	S.CER C1608 JB 1H 103K-T	T	118.6/137.7
C761	4030017810	S.CER C1608 CH 1H 102J-T	T	143.8/126.9
C764	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)	B	106.4/137.4
C765	4030011180	S.CER GRM31M2C2H220JV01L (GRM42-6 CH)	B	106.4/139.8
C767	4030006860	S.CER C1608 JB 1H 102K-T	T	139.7/126.1
C769	4030006860	S.CER C1608 JB 1H 102K-T	B	139.3/125.8
C770	4030007020	S.CER C1608 CH 1H 120J-T	T	146.4/126.9
C771	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)	B	115.2/124.9
C772	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6 CK)	T	96.6/123.7
C773	4030017960	S.CER ERF22X 6C2H 330J D01L	T	98.9/126.7
C774	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6 CK)	T	93.2/130.5
C775	4030011190	S.CER GRM31M2C2H270JV01L (GRM42-6 CH)	T	98.1/131.5
C776	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH)	T	98.1/134.1
C777	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)	B	105.8/143.4
C802	4030006860	S.CER C1608 JB 1H 102K-T	B	115.4/146.6
C803	4030007130	S.CER C1608 CH 1H 101J-T	B	118.2/146.9

[PA-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C811	4030007130	S.CER C1608 CH 1H 101J-T	B	140.0/148.3
C812	4030006970	S.CER C1608 CH 1H 060D-T	B	137.3/147.2
C813	4030007130	S.CER C1608 CH 1H 101J-T	B	142.9/146.9
C814	4030009910	S.CER C1608 CH 1H 040B-T	B	128.1/148.2
C815	4030009910	S.CER C1608 CH 1H 040B-T	B	126.7/151.5
C821	4030006860	S.CER C1608 JB 1H 102K-T	T	141.9/139.5
C822	4030011600	S.CER C1608 JB 1E 104K-T	T	140.0/141.1
C823	4030006850	S.CER C1608 JB 1H 471K-T	T	141.9/140.7
C824	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6 CK)	T	127.3/148.9
C825	4030006860	S.CER C1608 JB 1H 102K-T	T	138.6/141.1
C831	4030007170	S.CER C1608 CH 1H 221J-T	T	146.0/148.4
C832	4030006860	S.CER C1608 JB 1H 102K-T	T	146.0/145.6
C833	4030006850	S.CER C1608 JB 1H 471K-T	T	152.6/141.5
C841	4030006850	S.CER C1608 JB 1H 471K-T	T	16.5/121.1
C842	4510009910	S.ELE 16 CE 10 LH	T	19.3/116.9
C843	4030006850	S.CER C1608 JB 1H 471K-T	T	21.4/121.1
C844	4030006850	S.CER C1608 JB 1H 471K-T	T	17.7/121.0
C845	4030018980	S.CER C1608 JB 1H 104K-T	T	14.8/125.0
C851	4030006860	S.CER C1608 JB 1H 102K-T	B	147.5/55.2
C853	4030006860	S.CER C1608 JB 1H 102K-T	B	133.4/60.8
C861	4030006860	S.CER C1608 JB 1H 102K-T	B	147.5/50.8
C863	4030006860	S.CER C1608 JB 1H 102K-T	B	110.0/62.5
C901	4030011600	S.CER C1608 JB 1E 104K-T	B	35.8/12.0
C902	4030011600	S.CER C1608 JB 1E 104K-T	B	34.2/11.3
C903	4030011600	S.CER C1608 JB 1E 104K-T	B	39.0/12.0
C904	4030011600	S.CER C1608 JB 1E 104K-T	B	37.4/11.3
C905	4030011600	S.CER C1608 JB 1E 104K-T	B	46.2/14.6
C906	4030011600	S.CER C1608 JB 1E 104K-T	B	41.4/17.1
C907	4030011600	S.CER C1608 JB 1E 104K-T	B	40.6/11.3
C908	4030006860	S.CER C1608 JB 1H 102K-T	T	6.6/25.0
C909	4030006860	S.CER C1608 JB 1H 102K-T	T	7.2/19.9
C910	4030006860	S.CER C1608 JB 1H 102K-T	T	4.4/26.3
C912	4030006860	S.CER C1608 JB 1H 102K-T	T	12.3/7.5
C913	4030006860	S.CER C1608 JB 1H 102K-T	T	12.3/8.8
C914	4030006860	S.CER C1608 JB 1H 102K-T	B	32.4/5.4
C915	4030006860	S.CER C1608 JB 1H 102K-T	B	30.9/10.5
C916	4030006860	S.CER C1608 JB 1H 102K-T	T	29.7/6.3
C917	4030006860	S.CER C1608 JB 1H 102K-T	T	26.0/14.0
C918	4030006860	S.CER C1608 JB 1H 102K-T	B	25.9/16.5
C919	4030006860	S.CER C1608 JB 1H 102K-T	B	27.5/15.6
C920	4030006860	S.CER C1608 JB 1H 102K-T	B	29.1/14.9
C921	4030006860	S.CER C1608 JB 1H 102K-T	B	6.1/15.6
C931	4030007090	S.CER C1608 CH 1H 470J-T	B	25.7/13.2
C932	4030007090	S.CER C1608 CH 1H 470J-T	B	24.1/14.9
C933	4030007090	S.CER C1608 CH 1H 470J-T	B	22.6/15.6
C934	4030011600	S.CER C1608 JB 1E 104K-T	T	42.8/12.6
C935	4030019560	S.CER GRM21BB31C106KE15L	B	9.9/15.3
C936	4030011600	S.CER C1608 JB 1E 104K-T	B	7.9/15.6
C937	4030011600	S.CER C1608 JB 1E 104K-T	B	15.5/17.6
C938	4030019560	S.CER GRM21BB31C106KE15L	B	18.9/15.1
C941	4030012610	S.CER C2012 JB 1C 474K-T	T	12.8/14.0
C942	4030012610	S.CER C2012 JB 1C 474K-T	T	15.9/22.1
C943	4030006860	S.CER C1608 JB 1H 102K-T	T	17.0/5.5
C944	4030006860	S.CER C1608 JB 1H 102K-T	T	19.9/5.6
C945	4030006860	S.CER C1608 JB 1H 102K-T	T	21.8/6.3
C946	4030006860	S.CER C1608 JB 1H 102K-T	T	24.7/5.6
C947	4030006860	S.CER C1608 JB 1H 102K-T	T	27.3/5.2
C948	4030006860	S.CER C1608 JB 1H 102K-T	T	26.0/5.5
C951	4030011600	S.CER C1608 JB 1E 104K-T	B	151.8/66.2
C952	4030011600	S.CER C1608 JB 1E 104K-T	B	153.4/66.2
C954	4030006900	S.CER C1608 JB 1H 103K-T	B	23.2/9.5
C961	4030011600	S.CER C1608 JB 1E 104K-T	B	7.4/36.6
C962	4030011600	S.CER C1608 JB 1E 104K-T	B	5.8/36.6
C964	4030006900	S.CER C1608 JB 1H 103K-T	B	28.6/10.8
C974	4030011340	S.CER C1608 CH 1H 471J-T	T	154.7/128.4
C984	4030011340	S.CER C1608 CH 1H 471J-T	T	3.4/129.7
C985	4030011340	S.CER C1608 CH 1H 471J-T	T	16.2/26.1
C986	4030011340	S.CER C1608 CH 1H 471J-T	T	141.7/4.7
RL751	6330001890	REL EC2-3NU		
CP955	6910009670	S.CHE HK3-S-T	T	153.5/50.4
CP956	6910009670	S.CHE HK3-S-T	T	153.5/53.7
CP965	6910009670	S.CHE HK3-S-T	T	9.6/35.7
CP966	6910009670	S.CHE HK3-S-T	T	9.6/32.4
J101	6510028210	CON SJ050010 (TMP-J01X-V6)		
J471	6510028210	CON SJ050010 (TMP-J01X-V6)		
J761	6510028210	CON SJ050010 (TMP-J01X-V6)		
J901	6510019981	S.CON 52808-1671(1690)	T	24.5/9.7
J931	6510018921	S.CON B8B-PH-SM4-TB(LF)(SN)	T	152.0/37.9
W431	9045201001	WIR 74/98/040/X98/X98		
W801	7030012280	JUM RD25T0R0		
EP211	6910014730	S.BEA MPZ2012S331A-T	T	112.9/19.6
EP341	6910012350	S.BEA MMZ1608Y 102BT	B	132.0/36.0
EP431	6910000610	BEA FSRH050100RN000B (FSOH050RN01)		
EP432	6910000610	BEA FSRH050100RN000B (FSOH050RN01)		
EP441	6910014730	S.BEA MPZ2012S331A-T	T	28.0/23.8
EP442	6910014730	S.BEA MPZ2012S331A-T	T	36.1/22.3
EP511	6910012350	S.BEA MMZ1608Y 102BT	B	10.8/146.9
EP521	6910014730	S.BEA MPZ2012S331A-T	T	12.5/136.4
EP522	6910014730	S.BEA MPZ2012S331A-T	T	12.5/140.0
EP531	6910012350	S.BEA MMZ1608Y 102BT	B	4.7/135.3
EP541	6910012350	S.BEA MMZ1608Y 102BT	B	3.5/128.6
EP542	6910014730	S.BEA MPZ2012S331A-T	T	12.7/127.8

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PA-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
EP831	6910014730	S.BEA	MPZ2012S331A-T	T	147.6/147.4
EP912	6910014730	S.BEA	MPZ2012S331A-T	T	12.7/10.8
EP913	6910019900	S.BEA	MPZ1608S601AT	B	27.5/19.1
EP914	6910019900	S.BEA	MPZ1608S601AT	B	30.6/15.6
EP916	6910015970	S.BEA	MMZ1608B 301CT-AS	T	30.0/17.5
EP918	6910015970	S.BEA	MMZ1608B 301CT-AS	T	31.8/16.2
EP921	6910020710	E.O	OT-047 M3		
EP922	6910020710	E.O	OT-047 M3		
EP923	6910014730	S.BEA	MPZ2012S331A-T	T	24.4/15.3

[CTRL UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC31	1110000960	S.IC	NJM4558M-TE1-#FMZB	B	14.0/51.3
IC41	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	12.9/40.0
IC111	1120002301	S.IC	TC74AC04F(F) S	T	29.3/50.7
IC121	1120002252	S.IC	TC74ACT32F(F)	B	30.0/48.0
IC131	1120002242	S.IC	TC74AC112F(F)	T	31.8/39.4
IC171	1110000960	S.IC	NJM4558M-TE1-#FMZB	B	44.2/42.8
IC431	1110002690	S.IC	NJM2903M-TE1-#FMZB	B	67.3/141.3
IC701	1140015072	S.IC	R5F212A7SNFP(SX-3073B-2)	T	66.0/39.0
IC702	1130011570	S.IC	BR24L32FV-WE2	T	55.9/28.4
IC801	1180001072	S.IC	TA7805F(TE16L1NQ)	T	38.5/26.8
IC811	1110005920	S.IC	S-80851CNMC-B9CT2G	T	44.2/17.8
IC841	1130012620	S.IC	SN74AHCT1G86DCKR	T	58.7/18.1
Q151	1560000871	S.FET	2SK515-T1B-A (X33)	B	43.8/52.4
Q153	1590003770	S.TRA	KRA302E-RTK/P	T	50.1/40.7
Q203	1590003680	S.TRA	KRC402 RTK/P	B	45.2/78.5
Q281	1520000561	S.TRA	2SB1123 T-TD-E	B	63.7/61.5
Q282	1540000441	S.TRA	2SD1619T-TD-E	B	68.3/87.2
Q283	1590003680	S.TRA	KRC402 RTK/P	B	67.6/55.9
Q303	1590003680	S.TRA	KRC402 RTK/P	B	77.3/105.7
Q353	1590003680	S.TRA	KRC402 RTK/P	B	67.9/118.6
Q503	1590003680	S.TRA	KRC402 RTK/P	T	62.8/145.6
Q603	1530003900	S.TRA	KTC4075 BL-RTK/P	T	76.6/113.9
Q604	1590003680	S.TRA	KRC402 RTK/P	B	76.9/112.1
Q621	1590003770	S.TRA	KRA302E-RTK/P	T	76.7/111.1
Q651	1530003960	S.TRA	KTC2875-B-RTK/P	B	77.1/115.8
Q810	1590003680	S.TRA	KRC402 RTK/P	T	49.7/4.6
Q811	1590003680	S.TRA	KRC402 RTK/P	T	79.4/16.3
Q820	1590003680	S.TRA	KRC402 RTK/P	T	78.5/13.7
Q821	1590003770	S.TRA	KRA302E-RTK/P	T	74.6/19.7
Q822	1590003680	S.TRA	KRC402 RTK/P	T	75.0/17.4
Q831	1590003680	S.TRA	KRC402 RTK/P	B	54.3/18.0
Q832	1590003680	S.TRA	KRC402 RTK/P	B	50.0/20.0
Q851	1590003680	S.TRA	KRC402 RTK/P	B	57.7/23.2
Q861	1590003680	S.TRA	KRC402 RTK/P	B	64.6/19.4
Q1001	1590003680	S.TRA	KRC402 RTK/P	B	17.4/10.2
Q1002	1590003680	S.TRA	KRC402 RTK/P	B	19.1/13.4
Q1003	1590003680	S.TRA	KRC402 RTK/P	B	21.4/9.9
Q1004	1590003680	S.TRA	KRC402 RTK/P	B	23.1/13.1
Q1005	1590003680	S.TRA	KRC402 RTK/P	B	24.8/9.9
Q1006	1590003680	S.TRA	KRC402 RTK/P	B	26.5/13.4
Q1007	1590003680	S.TRA	KRC402 RTK/P	B	28.5/10.2
Q1008	1590003680	S.TRA	KRC402 RTK/P	B	30.5/13.4
D11	1790000491	S.DIO	HSM88ASTR-E	T	8.7/54.7
D12	1790000491	S.DIO	HSM88ASTR-E	T	19.2/54.7
D31	1750000201	S.DIO	1SS319(TE85RF)	T	13.9/45.1
D101	1790000491	S.DIO	HSM88ASTR-E	B	24.9/54.7
D102	1790000491	S.DIO	HSM88ASTR-E	B	32.3/55.3
D131	1790000491	S.DIO	HSM88ASTR-E	B	30.3/36.4
D132	1790000491	S.DIO	HSM88ASTR-E	B	36.0/39.5
D151	1790000491	S.DIO	HSM88ASTR-E	B	50.1/57.7
D152	1790000491	S.DIO	HSM88ASTR-E	B	39.1/57.7
D171	1750000201	S.DIO	1SS319(TE85RF)	T	41.2/46.9
D201	1750001320	S.DIO	KDS4148U RTK/P	T	44.5/79.5
D251	1710000140	DIO	U05G		
D301	1750001320	S.DIO	KDS4148U RTK/P	B	68.3/102.9
D351	1750001320	S.DIO	KDS4148U RTK/P	B	68.9/112.0
D401	1790000491	S.DIO	HSM88ASTR-E	B	65.7/132.4
D402	1790000491	S.DIO	HSM88ASTR-E	B	68.1/128.3
D501	1750001320	S.DIO	KDS4148U RTK/P	B	66.3/146.8
D601	1750001320	S.DIO	KDS4148U RTK/P	B	74.4/113.9
D602	1790000981	S.DIO	MA3J7420GL	T	78.0/118.1
D621	1750001320	S.DIO	KDS4148U RTK/P	T	74.8/136.8
D651	1750000851	S.DIO	MMBV3700LT1G	B	77.5/119.3
D652	1750000851	S.DIO	MMBV3700LT1G	B	77.8/122.9
D802	1750001320	S.DIO	KDS4148U RTK/P	T	38.3/16.9
D1001	1750000201	S.DIO	1SS319(TE85RF)	T	29.8/18.6
D1002	1750000201	S.DIO	1SS319(TE85RF)	T	26.3/18.6
D1003	1750000201	S.DIO	1SS319(TE85RF)	T	21.8/18.6
D1004	1750000201	S.DIO	1SS319(TE85RF)	T	18.3/18.6
X701	6050009520	S.XTA	CR-520 SMD-49 19.6608 MHz <KDS>	T	65.9/26.8
L11	6140003270	COI	LR-364 (TR10X5X5 3A6)		
L101	6140003270	COI	LR-364 (TR10X5X5 3A6)		
L102	6200005011	S.COI	NLV25T-100J	B	18.75/44.3
L151	6140003270	COI	LR-364 (TR10X5X5 3A6)		
L152	6180003300	COI	T6-222J (2.2M)		
L171	6200005011	S.COI	NLV25T-100J	B	40.0/32.6
L172	6200002041	S.COI	NLV25T-101J	B	10.1/45.7
L252	6140004740	COI	LR-533		
L254	6140004740	COI	LR-533		
L401	6140003270	COI	LR-364 (TR10X5X5 3A6)		
L402	6180003300	COI	T6-222J (2.2M)		
L431	6200002041	S.COI	NLV25T-101J	T	27.6/49.6
L621	6110001640	COI	LA-247		
L622	6110004020	COI	LA-624		
L623	6110001630	COI	LA-246		
L701	6200009300	S.COI	ELJPA 100KF 10U	B	53.4/33.4
L702	6200002041	S.COI	NLV25T-101J	B	52.6/30.7
L841	6200002041	S.COI	NLV25T-101J	T	54.7/20.6
L1001	6200005131	S.COI	NLC453232T-101K-PF	T	34.5/17.9
L1201	6200005011	S.COI	NLV25T-100J	T	75.6/12.7
R11	7030010910	S.RES	ERJ1TYJ 150U (15)	T	12.0/51.8
R12	7030010910	S.RES	ERJ1TYJ 150U (15)	T	15.8/51.8
R13	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	8.0/51.8
R14	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	19.1/52.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[CTRL UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R15	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	8.3/49.1
R16	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	19.5/50.3
R17	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	8.3/45.8
R18	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	19.5/47.6
R19	7030003860	S.RES	ERJ3GE JPW V	T	9.5/45.8
R20	7030003860	S.RES	ERJ3GE JPW V	T	18.3/47.6
R21	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	18.6/42.7
R31	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	13.2/55.3
R32	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	15.6/54.7
R33	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	B	19.1/52.6
R34	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	8.9/51.4
R35	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	7.3/51.4
R36	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	20.7/52.6
R43	7030003860	S.RES	ERJ3GE JPW V	T	17.5/38.75
R44	7030003860	S.RES	ERJ3GE JPW V	T	8.3/40.0
R45	7030003860	S.RES	ERJ3GE JPW V	T	7.1/38.5
R46	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	16.8/36.9
R101	7030010540	S.RES	ERJ1TYJ 330U (33)	B	30.7/63.4
R102	7030003860	S.RES	ERJ3GE JPW V	B	29.2/56.3
R104	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	31.4/57.7
R105	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	23.7/57.4
R111	7030003860	S.RES	ERJ3GE JPW V	T	23.5/52.0
R112	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	34.4/50.3
R113	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	23.5/50.8
R114	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.5/49.6
R115	7030003280	S.RES	ERJ3GEYJ 470 V (47)	B	35.6/51.3
R116	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	23.5/48.4
R117	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	37.2/51.3
R118	7030003860	S.RES	ERJ3GE JPW V	T	21.5/53.6
R121	7030003280	S.RES	ERJ3GEYJ 470 V (47)	B	30.7/40.3
R122	7030003280	S.RES	ERJ3GEYJ 470 V (47)	B	30.7/41.9
R123	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	29.1/44.5
R124	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	27.6/41.9
R125	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	27.6/40.3
R126	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	31.7/44.5
R131	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	32.9/34.3
R132	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	32.9/33.0
R133	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	33.0/37.7
R134	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	31.0/33.9
R135	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	35.0/34.5
R151	7030010550	S.RES	ERJ1TYJ 820U (82)	B	45.6/63.2
R152	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	39.8/54.9
R153	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	49.3/54.0
R154	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	39.0/52.6
R155	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	41.1/52.2
R156	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	42.2/49.1
R157	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	40.6/49.0
R158	7030004710	S.RES	ERJ3GEYJ 475 V (4.7M)	B	39.0/49.5
R171	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	33.4/34.6
R172	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	46.2/48.3
R173	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	42.9/43.8
R174	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	T	41.7/38.1
R175	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	37.3/35.2
R176	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	45.7/41.4
R177	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	47.1/41.4
R178	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	48.9/46.3
R181	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	43.5/42.0
R182	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	43.5/40.6
R183	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	38.4/36.8
R184	7030003820	S.RES	ERJ3GEYJ 155 V (1.5M)	B	49.2/43.5
R185	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	38.9/39.3
R186	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	49.3/47.9
R187	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	37.2/42.9
R188	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	52.4/47.9
R189	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	38.1/45.2
R190	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	53.0/45.6
R191	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	51.8/50.3
R192	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	38.1/46.8
R251	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	69.5/70.3
R252	7030000160	S.RES	MCR10EZHJ 15 (150)	B	65.2/66.3
R253	7030000160	S.RES	MCR10EZHJ 15 (150)	B	64.0/87.3
R254	7030000160	S.RES	MCR10EZHJ 15 (150)	B	67.2/66.3
R255	7030000160	S.RES	MCR10EZHJ 15 (150)	B	62.0/87.3
R281	7030012240	S.RES	ERJ1TYJ 471U (470)	B	66.2/78.0
R282	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	62.8/57.2
R283	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	67.8/90.4
R284	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	70.9/91.1
R285	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	65.9/57.8
R301	7540000130	ABS	2P-50A-301		
R401	7030010910	S.RES	ERJ1TYJ 150U (15)	T	72.5/126.1
R402	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	B	68.0/134.1
R403	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	B	66.2/135.9
R404	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	11.1/27.8
R405	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	11.1/29.1
R431	7030003610	S.RES	ERJ3GEYJ 273 V (27K)	T	68.7/138.85
R432	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	65.9/143.3
R434	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	68.9/136.3
R435	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	T	69.0/144.1
R436	7030003860	S.RES	ERJ3GE JPW V	T	69.6/141.9
R437	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	67.1/143.3
R602	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	77.8/116.2
R603	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	79.0/113.8
R621	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	74.5/137.0
R651	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	79.0/110.7
R652	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	79.0/112.0
R653	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	76.0/116.7
R654	7030003390	S.RES	ERJ3GEYJ 391 V (390)	B	86.0/121.1
R655	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	T	85.6/120.5
R656	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	82.1/119.7
R657	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	74.9/122.3
R659	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	85.6/119.2
R700	7030003860	S.RES	ERJ3GE JPW V	T	73.9/53.0
R707	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	67.8/47.6
R708	7030003860	S.RES	ERJ3GE JPW V	T	63.0/47.6
R710	7030003860	S.RES	ERJ3GE JPW V	T	55.2/44.7

[CTRL UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R711	7030003860	S.RES	ERJ3GE JPW V	T	55.2/39.6
R712	7030003860	S.RES	ERJ3GE JPW V	T	55.2/38.4
R713	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	66.8/36.0
R714	7030003860	S.RES	ERJ3GE JPW V	B	36.7/22.0
R715	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	68.1/33.8
R717	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	58.4/29.5
R718	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	55.9/34.0
R720	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	66.6/47.6
R721	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	65.8/31.5
R809	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	77.2/16.5
R810	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	77.7/15.5
R811	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	T	42.5/15.5
R812	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	43.5/20.2
R813	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	T	41.9/17.5
R820	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	75.2/15.5
R831	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	49.4/23.1
R833	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	52.2/19.8
R841	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	53.8/23.1
R842	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	54.5/20.7
R901	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	57.6/4.8
R902	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	54.0/4.8
R904	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	60.0/4.8
R905	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	60.7/15.7
R906	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	61.9/15.7
R907	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	63.1/15.7
R908	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	64.3/15.7
R909	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	61.2/4.8
R911	7030000060	S.RES	MCR10EZHJ 2.2 (2R2)	T	49.2/14.3
R1001	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	30.8/21.5
R1002	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	28.9/21.5
R1003	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	27.3/21.5
R1004	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	25.4/21.5
R1005	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	22.8/21.5
R1006	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	20.9/21.5
R1007	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	19.3/21.5
R1008	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	17.4/21.5
R1101	7410000950	S.ARR	EXB-V8V 102JV	T	83.1/19.3
R1102	7410000950	S.ARR	EXB-V8V 102JV	T	83.1/23.0
R1103	7410000950	S.ARR	EXB-V8V 102JV	T	83.1/27.0
R1104	7410000950	S.ARR	EXB-V8V 102JV	T	83.1/31.0
R1201	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	73.7/12.3
R1202	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	72.5/12.3
C3	4030011040	S.CER	GRM31M4C2H2R0CY21L (GRM42-6 CK)	B	21.6/69.6
C10	4030007060	S.CER	C1608 CH 1H 270J-T	T	9.5/51.9
C11	4030005040	S.CER	C2012 CH 1H 271J-T	B	16.0/59.5
C12	4030011040	S.CER	GRM31M4C2H2R0CY21L (GRM42-6 CK)	B	8.5/62.2
C13	4030011040	S.CER	GRM31M4C2H2R0CY21L (GRM42-6 CK)	B	21.6/63.9
C15	4610001850	S.TRI	TZB4R200AB10R00 (TZBX4R200BA110)	T	2.4/52.3
C16	4030007090	S.CER	C1608 CH 1H 470J-T	T	6.5/53.9
C18	4030011540	S.CER	C1608 CH 1H 750J-T	B	20.6/58.8
C19	4030006860	S.CER	C1608 JB 1H 102K-T	T	9.5/49.1
C20	4030006880	S.CER	C1608 JB 1H 472K-T	T	18.3/50.3
C23	4030007090	S.CER	C1608 CH 1H 470J-T	T	5.3/53.9
C31	4030006900	S.CER	C1608 JB 1H 103K-T	T	11.5/44.0
C32	4030006900	S.CER	C1608 JB 1H 103K-T	T	16.3/44.0
C33	4030006900	S.CER	C1608 JB 1H 103K-T	B	11.6/55.3
C34	4030006900	S.CER	C1608 JB 1H 103K-T	B	14.8/47.1
C35	4030019560	S.CER	GRM21BB31C106KE15L	B	8.9/54.9
C36	4030019560	S.CER	GRM21BB31C106KE15L	B	13.0/47.1
C43	4030006900	S.CER	C1608 JB 1H 103K-T	T	10.7/35.5
C45	4030019560	S.CER	GRM21BB31C106KE15L	T	11.0/37.1
C101	4030011050	S.CER	GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	24.0/62.5
C102	4030007070	S.CER	C1608 CH 1H 330J-T	B	27.6/57.8
C103	4030007070	S.CER	C1608 CH 1H 330J-T	B	30.4/60.9
C104	4030007070	S.CER	C1608 CH 1H 330J-T	B	26.0/58.0
C105	4030006900	S.CER	C1608 JB 1H 103K-T	B	23.7/59.0
C106	4030007120	S.CER	C1608 CH 1H 820J-T	B	31.4/59.3
C107	4030006900	S.CER	C1608 JB 1H 103K-T	B	34.9/55.1
C108	4030011070	S.CER	GRM31M2C2H5R0CY21L (GRM42-6 CH)	B	35.6/70.7
C111	4030006900	S.CER	C1608 JB 1H 103K-T	T	34.4/55.5
C112	4030019560	S.CER	GRM21BB31C106KE15L	T	36.0/55.8
C121	4030006900	S.CER	C1608 JB 1H 103K-T	B	23.7/51.1
C131	4030006900	S.CER	C1608 JB 1H 103K-T	T	25.6/42.3
C132	4030019560	S.CER	GRM21BB31C106KE15L	T	24.1/42.0
C133	4030007170	S.CER	C1608 CH 1H 221J-T	T	30.3/34.3
C134	4030007170	S.CER	C1608 CH 1H 221J-T	T	30.3/33.0
C135	4030006900	S.CER	C1608 JB 1H 103K-T	B	35.3/36.8
C152	4030011020	S.CER	GRM31M4C2H1R0CY21L (GRM42-6 CK)	B	39.6/65.2
C153	4030011570	S.CER	CM105 CH 101G 50AT	B	47.5/58.0
C154	4030016550	S.CER	CM105 CH 151G 50AT	B	43.1/58.0
C157	4030006900	S.CER	C1608 JB 1H 103K-T	B	42.8/55.6
C158	4030006860	S.CER	C1608 JB 1H 102K-T	B	46.3/51.6
C159	4030006900	S.CER	C1608 JB 1H 103K-T	B	43.8/49.1
C160	4030006900	S.CER	C1608 JB 1H 103K-T	B	47.8/55.6
C171	4030006900	S.CER	C1608 JB 1H 103K-T	B	37.3/33.6
C172	4030006900	S.CER	C1608 JB 1H 103K-T	B	45.8/46.3
C173	4030007170	S.CER	C1608 CH 1H 221J-T	B	41.5/37.4
C174	4030007170	S.CER	C1608 CH 1H 221J-T	B	48.6/50.3
C175	4030011340	S.CER	C1608 CH 1H 471J-T	B	41.5/39.0
C176	4030011340	S.CER	C1608 CH 1H 471J-T	B	50.2/50.3
C177	4030006900	S.CER	C1608 JB 1H 103K-T	B	42.7/46.3
C178	4030006900	S.CER	C1608 JB 1H 103K-T	B	44.6/39.4
C180	4030006880	S.CER	C1608 JB 1H 472K-T	B	50.8/44.2
C201	4030006900	S.CER	C1608 JB 1H 103K-T	T	44.5/78.0
C202	4030006860	S.CER	C1608 JB 1H 102K-T	T	47.3/78.0
C255	4030018790	S.CER	C3225 JB 2E 104K-T	B	51.7/78.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

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REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C256	4030018790	S.CER	C3225 JB 2E 104K-T	B	58.2/94.3
C257	4030006860	S.CER	C1608 JB 1H 102K-T	B	69.7/68.7
C258	4030006860	S.CER	C1608 JB 1H 102K-T	B	66.7/92.8
C259	4030011600	S.CER	C1608 JB 1E 104K-T	B	69.7/67.1
C260	4030006880	S.CER	C1608 JB 1H 472K-T	B	65.1/92.8
C261	4030011600	S.CER	C1608 JB 1E 104K-T	B	68.3/92.8
C281	4030018960	S.CER	C3216 JB 1C 106MT-N	B	61.5/66.1
C282	4030018960	S.CER	C3216 JB 1C 106MT-N	B	64.6/81.2
C301	4030006900	S.CER	C1608 JB 1H 103K-T	B	69.9/102.7
C302	4030011070	S.CER	GRM31M2C2H5R0CY21L (GRM42-6 CH)	B	50.6/103.8
C304	4030006900	S.CER	C1608 JB 1H 103K-T	B	67.5/105.8
C351	4030006900	S.CER	C1608 JB 1H 103K-T	B	69.3/113.6
C352	4030006900	S.CER	C1608 JB 1H 103K-T	B	68.0/121.0
C401	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.7/26.5
C403	4030011020	S.CER	GRM31M4C2H1R0CY21L (GRM42-6 CK)	T	47.7/67.6
C404	4030007040	S.CER	C1608 CH 1H 180J-T	T	14.7/27.8
C405	4030007030	S.CER	C1608 CH 1H 150J-T	T	14.7/29.1
C406	4030007030	S.CER	C1608 CH 1H 150J-T	T	14.7/30.4
C407	4030017810	S.CER	C1608 CH 1H 102J-T	B	12.7/58.3
C408	4030007130	S.CER	C1608 CH 1H 101J-T	B	13.4/59.9
C431	4030006860	S.CER	C1608 JB 1H 102K-T	T	68.7/137.7
C432	4030006860	S.CER	C1608 JB 1H 102K-T	T	64.7/144.4
C433	4030011600	S.CER	C1608 JB 1E 104K-T	B	63.6/143.6
C501	4030006900	S.CER	C1608 JB 1H 103K-T	T	70.9/150.6
C502	4030006900	S.CER	C1608 JB 1H 103K-T	T	66.3/146.3
C601	4030006900	S.CER	C1608 JB 1H 103K-T	B	198.0/86.4
C604	4030009520	S.CER	C1608 CH 1H 020B-T	T	75.95/122.3
C605	4030007050	S.CER	C1608 CH 1H 220J-T	T	77.8/120.0
C606	4030010760	S.CER	C1608 CH 1H 331J-T	T	76.0/119.3
C608	4030006860	S.CER	C1608 JB 1H 102K-T	B	74.7/110.4
C620	4030006900	S.CER	C1608 JB 1H 103K-T	T	75.1/135.2
C621	4030007060	S.CER	C1608 CH 1H 270J-T	B	81.8/140.5
C622	4030007010	S.CER	C1608 CH 1H 100D-T	B	78.6/141.2
C623	4030007080	S.CER	C1608 CH 1H 390J-T	B	79.7/138.7
C624	4030007090	S.CER	C1608 CH 1H 470J-T	B	81.9/134.9
C625	4030007080	S.CER	C1608 CH 1H 390J-T	B	79.8/129.0
C626	4030007080	S.CER	C1608 CH 1H 390J-T	B	81.9/128.3
C651	4030011340	S.CER	C1608 CH 1H 471J-T	T	80.0/109.5
C654	4030011600	S.CER	C1608 JB 1E 104K-T	B	83.5/126.8
C701	4030006900	S.CER	C1608 JB 1H 103K-T	T	55.2/43.5
C702	4030006900	S.CER	C1608 JB 1H 103K-T	T	55.2/42.3
C703	4030006900	S.CER	C1608 JB 1H 103K-T	T	55.2/41.1
C704	4030006900	S.CER	C1608 JB 1H 103K-T	T	57.9/40.7
C705	4030011600	S.CER	C1608 JB 1E 104K-T	T	57.8/35.8
C706	4030011600	S.CER	C1608 JB 1E 104K-T	T	58.4/26.7
C707	4030007020	S.CER	C1608 CH 1H 120J-T	T	67.5/30.1
C708	4030007020	S.CER	C1608 CH 1H 120J-T	T	63.9/30.1
C710	4030011600	S.CER	C1608 JB 1E 104K-T	T	70.3/30.1
C712	4030011600	S.CER	C1608 JB 1E 104K-T	B	70.2/108.4
C713	4030011600	S.CER	C1608 JB 1E 104K-T	B	66.0/31.7
C801	4510009880	S.ELE	EEEHBC471UAP	T	47.6/25.9
C802	4030011600	S.CER	C1608 JB 1E 104K-T	T	42.5/24.3
C803	4510009920	S.ELE	16 CE 100 LH	T	30.3/27.2
C804	4030011600	S.CER	C1608 JB 1E 104K-T	T	34.5/24.3
C811	4030006900	S.CER	C1608 JB 1H 103K-T	T	45.1/15.5
C821	4030006900	S.CER	C1608 JB 1H 103K-T	T	76.3/19.9
C841	4030011600	S.CER	C1608 JB 1E 104K-T	T	56.8/18.3
C851	4030006900	S.CER	C1608 JB 1H 103K-T	B	57.8/25.7
C901	4030006900	S.CER	C1608 JB 1H 103K-T	T	64.3/18.8
C907	4030011340	S.CER	C1608 CH 1H 471J-T	T	56.4/1.7
C912	4030006900	S.CER	C1608 JB 1H 103K-T	T	49.3/18.8
C913	4030006900	S.CER	C1608 JB 1H 103K-T	T	42.5/13.0
C914	4510009880	S.ELE	EEEHBC471UAP	T	38.3/8.4
C1001	4030019180	S.CER	TMK212BJ105KG-T	T	17.2/2.0
C1002	4030019180	S.CER	TMK212BJ105KG-T	T	19.0/2.0
C1003	4030019180	S.CER	TMK212BJ105KG-T	T	20.7/2.0
C1004	4030019180	S.CER	TMK212BJ105KG-T	T	22.5/2.0
C1005	4030019180	S.CER	TMK212BJ105KG-T	T	24.2/2.0
C1006	4030019180	S.CER	TMK212BJ105KG-T	T	26.0/2.0
C1007	4030019180	S.CER	TMK212BJ105KG-T	T	27.7/2.0
C1008	4030019180	S.CER	TMK212BJ105KG-T	T	29.5/2.0
C1101	4030006900	S.CER	C1608 JB 1H 103K-T	T	78.3/19.6
C1102	4030006900	S.CER	C1608 JB 1H 103K-T	B	79.8/20.3
C1103	4030006900	S.CER	C1608 JB 1H 103K-T	B	79.1/21.9
C1104	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.7/21.0
C1105	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.7/22.2
C1106	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.7/23.4
C1107	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.7/24.6
C1108	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/34.2
C1109	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/33.0
C1110	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/31.8
C1111	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/30.6
C1112	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/29.4
C1113	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/28.2
C1114	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/27.0
C1115	4030006900	S.CER	C1608 JB 1H 103K-T	T	79.5/25.8
RL201	6330001770	REL	SIP-1A-12Y		
RL301	6330001900	REL	G6C-2114P-US DC12V		
RL351	6330001900	REL	G6C-2114P-US DC12V		
RL501	6330001910	REL	G6S-2 DC12V		
RL601	6330001770	REL	SIP-1A-12Y		
RL621	6330001860	REL	UA2-12NU		
CP31	6910009670	S.CHE	HK3-S-T	T	9.3/30.7
J1	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J301	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J351	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J901	6510020081	S.CON	52808-2071(2090)	T	54.8/10.2

[CTRL UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
J1001	6510022031	S.CON	B10B-ZR-SM4-TF(LF)(SN)	T	22.6/5.7
J1101	6510021722	S.CON	30FLT-SM2-TB(LF)(SN)(M)	T	86.6/25.7
J1201	6510018971	S.CON	B4B-PH-SM4-TB(LF)(SN)	T	73.5/5.7
J2101	6510028210	CON	SJ050010 (TMP-J01X-V6)		
W2001	7030012280	JUM	RD25T0R0		
W2002	7030012280	JUM	RD25T0R0		
EP281	6910014690	S.BEA	MPZ1608S221A-T	B	60.4/56.4
EP282	6910014690	S.BEA	MPZ1608S221A-T	B	68.9/80.8
EP701	6910014690	S.BEA	MPZ1608S221A-T	T	70.0/31.5
EP901	6910014690	S.BEA	MPZ1608S221A-T	T	42.5/14.3
EP902	6910014690	S.BEA	MPZ1608S221A-T	T	52.8/4.8
EP903	6910014690	S.BEA	MPZ1608S221A-T	T	55.2/4.8
EP904	6910014690	S.BEA	MPZ1608S221A-T	T	51.6/4.8
EP905	6910014690	S.BEA	MPZ1608S221A-T	T	56.4/4.8
EP906	6910014690	S.BEA	MPZ1608S221A-T	T	58.8/4.8
EP907	6910014690	S.BEA	MPZ1608S221A-T	T	49.0/15.9
EP1101	6910014690	S.BEA	MPZ1608S221A-T	T	86.7/35.1
EP1102	6910014690	S.BEA	MPZ1608S221A-T	T	88.0/39.0

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[NETWORK UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
Q15	1590003680	S.TRA	KRC402 RTK/P	T	139.5/62.0
Q25	1590003680	S.TRA	KRC402 RTK/P	T	148.2/73.1
Q35	1590003680	S.TRA	KRC402 RTK/P	T	144.3/67.4
Q45	1590003680	S.TRA	KRC402 RTK/P	T	147.2/67.9
Q55	1590003680	S.TRA	KRC402 RTK/P	T	122.1/61.6
Q65	1590003680	S.TRA	KRC402 RTK/P	T	126.6/61.6
Q75	1590003680	S.TRA	KRC402 RTK/P	T	131.1/61.6
Q85	1590003680	S.TRA	KRC402 RTK/P	T	135.6/61.7
Q105	1590003680	S.TRA	KRC402 RTK/P	T	113.9/64.7
Q115	1590003680	S.TRA	KRC402 RTK/P	T	108.4/64.7
Q125	1590003680	S.TRA	KRC402 RTK/P	T	102.9/64.7
Q135	1590003680	S.TRA	KRC402 RTK/P	T	97.4/64.7
Q145	1590003680	S.TRA	KRC402 RTK/P	T	91.9/64.7
Q155	1590003680	S.TRA	KRC402 RTK/P	T	69.5/65.1
Q165	1590003680	S.TRA	KRC402 RTK/P	T	58.6/64.8
Q175	1590003680	S.TRA	KRC402 RTK/P	T	46.7/69.6
D15	1750001180	S.DIO	KDS122 RTK/P	T	138.4/59.5
D25	1750001180	S.DIO	KDS122 RTK/P	T	147.5/70.6
D35	1750001180	S.DIO	KDS122 RTK/P	T	142.6/65.0
D45	1750001180	S.DIO	KDS122 RTK/P	T	146.1/65.0
D55	1750001180	S.DIO	KDS122 RTK/P	T	120.3/59.1
D65	1750001180	S.DIO	KDS122 RTK/P	T	124.8/59.1
D75	1750001180	S.DIO	KDS122 RTK/P	T	129.3/59.1
D85	1750001180	S.DIO	KDS122 RTK/P	T	133.8/59.1
D105	1750001180	S.DIO	KDS122 RTK/P	T	113.9/60.9
D115	1750001180	S.DIO	KDS122 RTK/P	T	108.4/60.9
D125	1750001180	S.DIO	KDS122 RTK/P	T	102.9/60.9
D135	1750001180	S.DIO	KDS122 RTK/P	T	97.4/60.9
D145	1750001180	S.DIO	KDS122 RTK/P	T	91.9/60.9
D155	1750001180	S.DIO	KDS122 RTK/P	T	69.5/61.1
D165	1750001180	S.DIO	KDS122 RTK/P	T	58.6/60.8
D175	1750001180	S.DIO	KDS122 RTK/P	T	46.6/65.8
L55	6180003291	COI	BM27-400-6A-LF		
L56	6180003291	COI	BM27-400-6A-LF		
L65	6180003291	COI	BM27-400-6A-LF		
L66	6180003291	COI	BM27-400-6A-LF		
L75	6180003291	COI	BM27-400-6A-LF		
L76	6180003291	COI	BM27-400-6A-LF		
L85	6180003291	COI	BM27-400-6A-LF		
L86	6180003291	COI	BM27-400-6A-LF		
L101	6110003600	COI	LA-555		
L111	6110003590	COI	LA-554		
L121	6110003020	COI	LA-489		
L131	6110003030	COI	LA-490		
L141	6110003020	COI	LA-489		
L151	6110003030	COI	LA-490		
L161	6140004520	COI	LR-511		
L171	6140004510	COI	LR-510		
L181	6140002700	COI	LR-307 (T130-2)		
L182	6140002700	COI	LR-307 (T130-2)		
R201	7410000810	S.RES	EXB-V8V JPW	T	139.3/81.2
R202	7410000810	S.RES	EXB-V8V JPW	T	143.3/81.2
R211	7410000810	S.RES	EXB-V8V JPW	T	147.3/81.2
R212	7410000810	S.RES	EXB-V8V JPW	T	151.3/81.2
C1	4620000160	VAR	KV-150-05 150P		
C11	4010008551	CER	DEA1X3F390JC3B-Z		
C15	4030006900	S.CER	C1608 JB 1H 103K-T	T	173.2/80.4
C16	4030006900	S.CER	C1608 JB 1H 103K-T	T	139.7/63.9
C21	4010004820	CER	DEC1X3J121JC4B (DE1410SL121J)		
C22	4010008690	CER	DEA1X3F101JA3B		
C25	4030006900	S.CER	C1608 JB 1H 103K-T	T	155.8/77.6
C26	4030006900	S.CER	C1608 JB 1H 103K-T	T	149.8/71.3
C31	4010004830	CER	DEC1X3J151JC4B (DE1510SL151J)		
C35	4030006900	S.CER	C1608 JB 1H 103K-T	T	161.2/80.4
C36	4030006900	S.CER	C1608 JB 1H 103K-T	T	144.6/69.3
C41	4010004800	CER	DEC1X3J820JC4B (DE1210SL820J)		
C45	4030006900	S.CER	C1608 JB 1H 103K-T	T	165.3/80.4
C46	4030006900	S.CER	C1608 JB 1H 103K-T	T	150.7/68.0
C51	4010004790	CER	DEC1X3J680JC4B (DE1210SL680J)		
C52	4010004790	CER	DEC1X3J680JC4B (DE1210SL680J)		
C53	4010004790	CER	DEC1X3J680JC4B (DE1210SL680J)		
C55	4030006900	S.CER	C1608 JB 1H 103K-T	T	143.7/7.5
C56	4030006900	S.CER	C1608 JB 1H 103K-T	T	120.2/57.2
C61	4010008560	CER	DEA1X3F151JA3B (DE1107SL151J)		
C65	4030006900	S.CER	C1608 JB 1H 103K-T	T	144.6/18.7
C66	4030006900	S.CER	C1608 JB 1H 103K-T	T	124.7/57.2
C71	4010005130	CER	DEC1X3J470JC4B (DE0910SL470J)		
C72	4010004780	CER	DEC1X3J560JC4B (DE1010SL560J)		
C75	4030006900	S.CER	C1608 JB 1H 103K-T	T	149.7/7.5
C76	4030006900	S.CER	C1608 JB 1H 103K-T	T	129.2/57.2
C81	4010008551	CER	DEA1X3F390JC3B-Z		
C85	4030006900	S.CER	C1608 JB 1H 103K-T	T	133.7/57.2
C86	4030006900	S.CER	C1608 JB 1H 103K-T	T	161.2/7.5
C91	4620000160	VAR	KV-150-05 150P		
C105	4030006900	S.CER	C1608 JB 1H 103K-T	T	111.9/61.0
C106	4030006900	S.CER	C1608 JB 1H 103K-T	T	114.0/62.8
C115	4030006900	S.CER	C1608 JB 1H 103K-T	T	106.4/61.0
C116	4030006900	S.CER	C1608 JB 1H 103K-T	T	108.5/62.8

[NETWORK UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C125	4030006900	S.CER	C1608 JB 1H 103K-T	T	100.9/61.0
C126	4030006900	S.CER	C1608 JB 1H 103K-T	T	103.0/62.8
C135	4030006900	S.CER	C1608 JB 1H 103K-T	T	95.4/61.0
C136	4030006900	S.CER	C1608 JB 1H 103K-T	T	97.5/62.8
C145	4030006900	S.CER	C1608 JB 1H 103K-T	T	89.9/61.0
C146	4030006900	S.CER	C1608 JB 1H 103K-T	T	92.0/62.8
C155	4030006900	S.CER	C1608 JB 1H 103K-T	T	68.4/59.1
C156	4030006900	S.CER	C1608 JB 1H 103K-T	T	69.7/63.1
C165	4030006900	S.CER	C1608 JB 1H 103K-T	T	57.5/58.8
C166	4030006900	S.CER	C1608 JB 1H 103K-T	T	58.8/62.8
C175	4030006900	S.CER	C1608 JB 1H 103K-T	T	45.0/63.9
C176	4030006900	S.CER	C1608 JB 1H 103K-T	T	46.6/67.7
C201	4030006900	S.CER	C1608 JB 1H 103K-T	T	117.7/54.8
C202	4030006900	S.CER	C1608 JB 1H 103K-T	T	137.1/77.2
C203	4030006900	S.CER	C1608 JB 1H 103K-T	T	138.3/77.2
C204	4030006900	S.CER	C1608 JB 1H 103K-T	T	139.5/77.2
C205	4030006900	S.CER	C1608 JB 1H 103K-T	T	140.7/77.1
C206	4030006900	S.CER	C1608 JB 1H 103K-T	T	141.9/76.7
C207	4030006900	S.CER	C1608 JB 1H 103K-T	T	143.1/76.9
C208	4030006900	S.CER	C1608 JB 1H 103K-T	T	144.3/77.2
C209	4030006900	S.CER	C1608 JB 1H 103K-T	T	145.5/77.2
C211	4030006900	S.CER	C1608 JB 1H 103K-T	T	119.2/56.0
C212	4030006900	S.CER	C1608 JB 1H 103K-T	T	146.7/76.9
C213	4030006900	S.CER	C1608 JB 1H 103K-T	T	148.0/77.0
C214	4030006900	S.CER	C1608 JB 1H 103K-T	T	149.2/77.0
C215	4030006900	S.CER	C1608 JB 1H 103K-T	T	150.4/77.2
C216	4030006900	S.CER	C1608 JB 1H 103K-T	T	152.3/77.6
C217	4030006900	S.CER	C1608 JB 1H 103K-T	T	154.2/78.9
C218	4030006900	S.CER	C1608 JB 1H 103K-T	T	154.2/80.1
RL15	6330001610	REL	NY-12W-K-IE		
RL25	6330001610	REL	NY-12W-K-IE		
RL35	6330001610	REL	NY-12W-K-IE		
RL45	6330001610	REL	NY-12W-K-IE		
RL55	6330001610	REL	NY-12W-K-IE		
RL65	6330001610	REL	NY-12W-K-IE		
RL75	6330001610	REL	NY-12W-K-IE		
RL85	6330001610	REL	NY-12W-K-IE		
RL105	6330001610	REL	NY-12W-K-IE		
RL115	6330001610	REL	NY-12W-K-IE		
RL125	6330001610	REL	NY-12W-K-IE		
RL135	6330001610	REL	NY-12W-K-IE		
RL145	6330001610	REL	NY-12W-K-IE		
RL155	6330001610	REL	NY-12W-K-IE		
RL165	6330001610	REL	NY-12W-K-IE		
RL175	6330001610	REL	NY-12W-K-IE		
J1	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J91	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J201	6510021722	S.CON	30FLT-SM2-TB(LF)(SN)(M)	T	144.5/85.0
MF1	2710000800	MOT	MP24ZA		
MF2	2710000800	MOT	MP24ZA		
EP201	6910014730	S.BEA	MPZ2012S331A-T	T	116.9/57.6
EP211	6910014730	S.BEA	MPZ2012S331A-T	T	118.1/60.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
EP1	0880002780	UNI	EX-3210 #01		
EP2	6910015650	E.O	S-G2218-3#01 (MOUNT PLATE)		
EP3	6910015650	E.O	S-G2218-3#01 (MOUNT PLATE)		

[DISPLAY UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1180001541	S.IC	TA78L08F(TE12LF)	T	75.4/97.6
IC111	1130012620	S.IC	SN74AHCT1G86DCKR	T	238.8/90.8
IC151	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	130.1/77.4
IC152	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	130.1/84.2
IC271	1130013470	S.IC	CD4071BNSR	T	48.6/19.4
IC351	1130011880	S.IC	CD4051BPWR	T	49.4/93.5
IC371	1130011880	S.IC	CD4051BPWR	T	49.4/100.0
IC401	1140015710	S.IC	M30622F8PGP(SX-3183C-1)	T	58.4/71.4
IC501	1130009121	S.IC	S1D15206F00A200	T	175.9/72.2
IC521	1130014400	S.IC	T6B66BFG(C)	T	98.3/64.1
IC541	1130014390	S.IC	T6B65AFG(C)	T	207.2/57.5
IC561	1130014390	S.IC	T6B65AFG(C)	T	141.0/57.5
Q111	1530003900	S.TRA	KTC4075 BL-RTK/P	T	235.8/84.7
Q112	1520000651	S.TRA	2SB1201S-TL-E	T	229.5/88.9
Q113	1530003301	S.TRA	2SC3647S-TD-E	T	238.6/71.7
Q114	1530003301	S.TRA	2SC3647S-TD-E	T	227.5/69.2
Q251	1590003680	S.TRA	KRC402 RTK/P	T	274.7/16.6
Q252	1590003680	S.TRA	KRC402 RTK/P	T	274.7/19.1
Q253	1590003680	S.TRA	KRC402 RTK/P	T	274.7/21.6
Q254	1590003680	S.TRA	KRC402 RTK/P	T	274.7/24.1
Q501	1540000441	S.TRA	2SD1619T-TD-E	T	251.4/7.1
Q502	1530003900	S.TRA	KTC4075 BL-RTK/P	T	114.2/38.8
Q503	1590003770	S.TRA	KRA302E-RTK/P	T	118.1/39.6
D111	1730002261	S.ZEN	MAZ8030GHL	T	238.1/84.8
D201	1750001710	S.DIO	RB751V-40 TE-17	T	245.4/27.0
D202	1750001180	S.DIO	KDS122 RTK/P	T	247.4/80.7
D203	1750001180	S.DIO	KDS122 RTK/P	T	247.4/83.2
D204	1750001710	S.DIO	RB751V-40 TE-17	T	74.6/79.0
D501	1750001320	S.DIO	KDS4148U RTK/P	T	114.6/34.0
X401	6050011810	S.XTA	CR-755 SMD-49 15.9744 MHz <KDS>	T	57.9/55.6
L21	6200002041	S.COI	NLV25T-101J	T	258.8/8.6
L22	6200002041	S.COI	NLV25T-101J	T	246.8/23.5
L23	6200002041	S.COI	NLV25T-101J	T	261.3/8.6
L24	6200009300	S.COI	ELJPA 100KF 10U	T	244.1/23.5
L25	6200002041	S.COI	NLV25T-101J	T	241.3/23.5
L31	6200002041	S.COI	NLV25T-101J	T	266.8/73.5
L32	6200002041	S.COI	NLV25T-101J	T	266.8/76.0
L111	6200008631	S.COI	CD54NP-101KCI	T	217.4/82.2
L112	6190001191	S.COI	D10F-#A814AY-101K	T	228.7/78.7
R3	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	99.0/97.9
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	100.3/97.9
R5	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	101.6/97.9
R6	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	102.9/97.9
R7	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	96.0/97.9
R8	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	97.3/97.9
R21	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	257.1/69.8
R22	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	256.1/67.4
R31	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	267.2/71.6
R32	7030003860	S.RES	ERJ3GE JPW V	T	272.4/78.9
R51	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	114.3/32.5
R52	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	114.3/35.6
R53	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	112.0/38.7
R54	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	256.1/7.7
R55	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	255.6/5.6
R56	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	116.4/39.5
R112	7030010960	S.RES	ERJ1TYJ 120U (12)	T	212.4/82.2
R113	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	237.3/87.0
R115	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	240.4/85.5
R116	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	239.0/67.3
R117	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	239.0/68.5
R118	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	241.3/91.7
R146	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	135.1/78.9
R147	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	128.3/73.2
R148	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	135.1/87.2
R149	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	124.4/81.6
R150	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	T	130.9/70.3
R151	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	132.2/73.2
R154	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	125.9/74.0
R155	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	133.5/73.2
R156	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	123.1/84.7
R157	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	137.0/83.0
R158	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	123.0/78.9
R159	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	137.3/72.7
R162	7030003820	S.RES	ERJ3GEYJ 155 V (1.5M)	T	124.4/83.3
R163	7030003820	S.RES	ERJ3GEYJ 155 V (1.5M)	T	135.1/82.0
R164	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	T	129.6/73.2
R165	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	T	125.2/76.0
R166	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	T	130.9/73.2
R167	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	T	135.1/73.5
R168	7030003820	S.RES	ERJ3GEYJ 155 V (1.5M)	T	125.2/78.8
R169	7030003820	S.RES	ERJ3GEYJ 155 V (1.5M)	T	135.1/76.3
R170	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	T	125.2/85.1
R171	7030003790	S.RES	ERJ3GEYJ 824 V (820K)	T	135.1/84.6
R172	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	T	128.7/80.8
R173	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	T	131.5/80.8
R174	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	123.1/85.9
R175	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	137.0/84.2
R181	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	39.1/56.7
R182	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	36.3/56.7
R183	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	36.3/58.0
R184	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	39.1/58.0
R185	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	37.7/84.0
R186	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	39.0/81.2
R187	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	37.7/81.2

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[DISPLAY UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R188	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	39.0/84.0
R189	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	246.1/97.0
R190	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	77.6/59.9
R191	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	76.3/59.9
R192	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	248.9/97.0
R193	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	248.9/95.7
R194	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	246.1/95.7
R195	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	250.3/80.1
R196	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	75.0/59.9
R197	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	78.9/59.9
R201	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	250.3/83.2
R202	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	250.3/81.4
R203	7030004730	S.RES	ERJ3GEYF 222 V (2.2K)	T	70.4/78.4
R204	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	71.7/79.3
R211	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	250.3/78.3
R212	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	291.8/89.8
R213	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	291.8/77.2
R214	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	291.8/68.6
R215	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	278.3/69.7
R216	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	253.4/75.1
R217	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	213.4/23.2
R218	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	192.6/23.2
R219	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	171.8/23.2
R220	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	151.0/23.2
R221	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	130.2/23.2
R223	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	218.1/19.8
R224	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	71.2/76.4
R225	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	127.2/14.8
R226	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	24.4/34.5
R227	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	10.3/34.5
R228	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	33.5/69.6
R229	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	38.3/34.5
R231	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	47.9/6.3
R232	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	15.1/69.6
R233	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	245.4/99.1
R234	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	249.7/99.1
R235	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	248.2/99.1
R236	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	246.8/99.1
R237	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	41.1/84.7
R238	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	41.1/80.4
R239	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	41.1/81.9
R240	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	41.1/83.3
R241	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	38.4/60.1
R242	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	37.0/60.1
R243	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	35.6/60.1
R244	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	39.9/60.1
R251	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	248.2/50.1
R252	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	246.9/50.1
R253	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	249.5/50.1
R254	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	245.6/50.1
R255	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	236.2/14.8
R256	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	221.2/15.5
R257	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	206.7/15.5
R258	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	190.1/15.5
R259	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	131.1/9.4
R260	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	142.1/19.8
R261	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	75.0/104.9
R262	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	67.8/105.6
R263	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	63.9/104.9
R264	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	110.0/102.1
R265	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.3/53.1
R266	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	48.0/53.1
R271	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	40.4/21.4
R272	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	40.4/18.6
R273	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	41.7/21.4
R274	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	41.7/18.6
R275	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	42.5/23.5
R276	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	42.5/16.6
R277	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	43.2/21.4
R278	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	43.2/18.6
R287	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	46.2/40.7
R288	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.4/35.5
R289	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.4/38.1
R290	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.4/39.4
R291	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.4/40.7
R292	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.4/42.0
R293	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.4/44.3
R296	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	46.2/35.5
R297	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	44.9/43.4
R298	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	46.2/36.8
R299	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	46.2/38.1
R300	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	46.2/39.4
R301	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	71.2/66.0
R403	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	45.1/80.0
R404	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	65.6/127.3
R405	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	68.7/130.6
R406	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	11.1/30.4
R407	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	14.7/59.5
R408	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	35.0/34.3
R409	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	35.0/33.1
R410	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	47.7/68.9
R411	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	29.4/34.6
R412	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	52.9/81.6
R413	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	55.0/80.9
R414	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	54.5/60.8
R415	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	53.2/60.8
R416	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	51.9/60.8
R417	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	T	57.9/59.0
R418	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	61.3/60.8
R419	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	71.2/75.1
R420	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	71.2/73.8
R421	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	33.0/31.8
R422	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	33.0/28.7
R423	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	33.0/25.6
R424	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	23.2/34.4
R425	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	71.2/67.3
R426	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	69.8/64.7
R427	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	66.1/60.8
R428	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	63.4/59.7
R501	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	168.8/61.9
R502	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	166.0/61.9
R503	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	164.0/62.7
R504	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	162.5/62.7
R521	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	87.9/73.2
R522	7030003730	S.RES	ERJ3GEYJ 274 V (270K)	T	86.6/73.2
R601	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	110.0/100.8
R602	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	110.0/99.5
R603	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	110.0/98.2
R604	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	107.9/101.4
R611	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	77.0/105.6
R612	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	77.0/104.3
R613	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	77.0/103.0
R614	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	77.0/101.7
R621	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	65.7/104.9
R622	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	67.8/104.3
R623	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	67.8/103.0
R624	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	67.8/101.7
R631	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	63.9/102.1
R632	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	61.9/102.6
R633	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	61.9/103.9
R634	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	61.9/105.2
R641	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	51.1/50.4
R642	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	61.5/50.3
R643	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	66.6/51.6
R644	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	88.4/51.6
R651	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	52.4/50.4
R652	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	61.5/51.6
R653	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	66.6/50.3
R654	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	88.4/50.3
R701	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	142.8/17.7
R702	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	161.1/19.8
R703	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	180.1/19.8
R704	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	199.2/19.8
R711	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	131.1/10.7
R712	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	138.2/6.5
R713	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	154.2/6.5
R714	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	T	170.1/6.5
R721	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	238.2/15.6
R722	7210003370	VAR	R0904N-B10KL-20KQ-R1080 <SKD>		
R723	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	222.5/15.5
R724	7210003370	VAR	R0904N-B10KL-20KQ-R1080 <SKD>		
R725	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	208.0/15.5
R726	7210003370	VAR	R0904N-B10KL-20KQ-R1080 <SKD>		
R727	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	191.4/15.5
R728	7210003370	VAR	R0904N-B10KL-20KQ-R1080 <SKD>		
R741	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	279.7/57.9
R742	7030003300	S.RES	ERJ3GEYJ 680 V (68)	T	281.0/57.9
R743	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	279.7/29.2
R744	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	281.0/29.2
C1	4030019560	S.CER	GRM21BB31C106KE15L	T	80.6/99.4
C2	4030011600	S.CER	C1608 JB 1E 104K-T	T	78.9/99.0
C3	4030019560	S.CER	GRM21BB31C106KE15L	T	80.6/96.1
C4	4030011600	S.CER	C1608 JB 1E 104K-T	T	78.9/96.4
C21	4030006860	S.CER	C1608 JB 1H 102K-T	T	256.1/68.6
C51	4030006900	S.CER	C1608 JB 1H 103K-T	T	254.8/7.7
C52	4030006900	S.CER	C1608 JB 1H 103K-T	T	114.3/36.9
C111	4030019560	S.CER	GRM21BB31C106KE15L	T	236.7/90.7
C113	4030019560	S.CER	GRM21BB31C106KE15L	T	234.9/90.7
C114	4510009770	S.ELE	16 CE 47 FS	T	238.2/79.7
C115	4030018780	S.CER	C3225 JB 2J 473K-T	T	234.0/69.4
C116	4030013860	S.CER	GRM42D1X3F120JY02L (GHM1038 SL)	T	231.5/41.9
C117	4030011600	S.CER	C1608 JB 1E 104K-T	T	240.4/84.3
C146	4030019560	S.CER	GRM21BB31C106KE15L	T	137.4/79.4
C147	4030019560	S.CER	GRM21BB31C106KE15L	T	126.1/72.4
C148	4030019560	S.CER	GRM21BB31C106KE15L	T	137.4/85.8
C149	4030019560	S.CER	GRM21BB31C106KE15L	T	121.5/81.3
C151	4030011600	S.CER	C1608 JB 1E 104K-T	T	121.8/83.3
C152	4030011600	S.CER	C1608 JB 1E 104K-T	T	137.0/81.3
C201	4030006900	S.CER	C1608 JB 1H 103K-T	T	73.0/79.3
C271	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.5/24.8
C272	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.5/15.3
C273	4030011600	S.CER	C1608 JB 1E 104K-T	T	54.0/22.4
C281	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.3/31.0
C351	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/91.6
C352	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/92.9
C353	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/94.2
C354	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/95.5
C355	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.2/96.8
C356	4030011600	S.CER	C1608 JB 1E 104K-T	T	56.9/91.6
C357	4030011600	S.CER	C1608 JB 1E 104K-T	T	56.9/92.9
C358	4030011600	S.CER	C1608 JB 1E 104K-T	T	56.9/94.2
C359	4030011600	S.CER	C1608 JB 1E 104K-T	T	56.9/95.5
C371	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/97.9
C372	4030011600	S.CER	C1608 JB 1E 104K-T	T	82.5/38.8
C373	4030011600	S.CER	C1608 JB 1E 104K-T	T	82.5/42.6
C374	4030011600	S.CER	C1608 JB 1E 104K-T	B	82.3/36.1
C375	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.2/103.3
C376	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.2/98.1
C377	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.2/99.4
C378	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.2/100.7
C379	4030011600	S.CER	C1608 JB 1E 104K-T	T	55.2/102.0
C401	4030011600	S.CER	C1608 JB 1E 104K-T	B	68.3/26.2
C402	4030007050	S.CER	C1608 CH 1H 220J-T	T	39.8/3.6

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[DISPLAY UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C403	4030011600	S.CER C1608 JB 1E 104K-T	B	149.2/12.0
C404	4030007050	S.CER C1608 CH 1H 220J-T	T	35.9/32.9
C405	4030011600	S.CER C1608 JB 1E 104K-T	T	41.0/32.9
C451	4030019560	S.CER GRM21BB31C106KE15L	T	86.8/69.9
C501	4030011600	S.CER C1608 JB 1E 104K-T	T	171.6/61.9
C521	4030011600	S.CER C1608 JB 1E 104K-T	T	96.1/77.6
C522	4030011600	S.CER C1608 JB 1E 104K-T	T	110.1/67.9
C523	4030011600	S.CER C1608 JB 1E 104K-T	T	110.1/69.2
C524	4030011600	S.CER C1608 JB 1E 104K-T	T	110.1/70.5
C525	4030011600	S.CER C1608 JB 1E 104K-T	T	110.1/71.8
C526	4030011600	S.CER C1608 JB 1E 104K-T	T	110.1/73.1
C541	4030011600	S.CER C1608 JB 1E 104K-T	T	220.6/58.0
C561	4030011600	S.CER C1608 JB 1E 104K-T	T	127.6/57.1
C601	4030011600	S.CER C1608 JB 1E 104K-T	B	72.8/114.0
C611	4030011600	S.CER C1608 JB 1E 104K-T	B	224.1/89.4
C621	4030011600	S.CER C1608 JB 1E 104K-T	T	65.7/102.1
C641	4030011600	S.CER C1608 JB 1E 104K-T	T	49.3/50.4
C651	4030011600	S.CER C1608 JB 1E 104K-T	T	48.0/50.4
C701	4030011600	S.CER C1608 JB 1E 104K-T	T	141.3/17.7
C711	4030011600	S.CER C1608 JB 1E 104K-T	T	131.1/8.1
C721	4030006880	S.CER C1608 JB 1H 472K-T	T	239.5/15.6
C722	4030006880	S.CER C1608 JB 1H 472K-T	T	223.8/15.5
C723	4030006880	S.CER C1608 JB 1H 472K-T	T	209.3/15.5
C724	4030006880	S.CER C1608 JB 1H 472K-T	T	192.7/15.5
C1117	4030011600	S.CER C1608 JB 1E 104K-T	T	241.3/89.9
C1221	4030011600	S.CER C1608 JB 1E 104K-T	T	61.9/101.3
J1	6510020081	S.CON 52808-2071(2090)	T	92.5/102.8
J21	6510019971	S.CON 52808-1071	T	245.4/12.7
J31	6510019971	S.CON 52808-1071	T	272.0/71.3
J32	6510015541	S.CON B4B-ZR-SM4-TF(LF)(SN)	T	248.4/72.2
J51	6510019971	S.CON 52808-1071	T	247.5/41.4
J61	6510027290	S.CON 52808-0671	T	247.5/90.2
J71	6510027290	S.CON 52808-0671	T	36.1/20.8
J81	6510027290	S.CON 52808-0671	T	37.7/51.3
J91	6510027290	S.CON 52808-0671	T	37.7/90.3
J101	6510018971	S.CON B4B-PH-SM4-TB(LF)(SN)	T	76.0/52.9
J111	6510003401	CON B04B-EH-S(LF)(SN)		
J281	6510019971	S.CON 52808-1071	T	53.7/38.9
J451	6510027390	S.CON 40FHY-RSM1-GAN-TF(LF)(SN)	T	202.7/92.7
J452	6510027390	S.CON 40FHY-RSM1-GAN-TF(LF)(SN)	T	149.2/92.7
J453	6510027400	S.CON 50FHY-RSM1-GAN-TF(LF)(SN)	T	203.4/40.8
J454	6510027400	S.CON 50FHY-RSM1-GAN-TF(LF)(SN)	T	175.9/47.8
J455	6510027400	S.CON 50FHY-RSM1-GAN-TF(LF)(SN)	T	148.4/40.8
DS111	5080000421	CFL MBS 3 UA1W 70N ASSY		
DS451	5030003350	LCD TSC2G0369-E <SKD>		
DS741	5040001870	S.LED SEC 2462C	B	280.2/62.0
DS742	5040001870	S.LED SEC 2462C	B	280.2/30.0
S601	2260002740	S.SWI LS8J2M-T	B	103.6/103.5
S602	2260002740	S.SWI LS8J2M-T	B	103.6/95.7
S603	2260002740	S.SWI LS8J2M-T	B	103.6/87.8
S604	2260002740	S.SWI LS8J2M-T	B	103.6/80.0
S611	2260002740	S.SWI LS8J2M-T	B	88.2/103.6
S612	2260002740	S.SWI LS8J2M-T	B	88.2/95.7
S613	2260002740	S.SWI LS8J2M-T	B	88.2/87.8
S614	2260002740	S.SWI LS8J2M-T	B	88.2/79.9
S621	2260002740	S.SWI LS8J2M-T	B	72.3/103.6
S622	2260002740	S.SWI LS8J2M-T	B	72.3/95.7
S623	2260002740	S.SWI LS8J2M-T	B	72.3/87.8
S624	2260002740	S.SWI LS8J2M-T	B	72.3/79.9
S631	2260002740	S.SWI LS8J2M-T	B	56.4/103.6
S632	2260002740	S.SWI LS8J2M-T	B	56.4/95.7
S633	2260002740	S.SWI LS8J2M-T	B	56.4/87.8
S634	2260002740	S.SWI LS8J2M-T	B	56.4/79.9
S641	2260002740	S.SWI LS8J2M-T	B	56.4/72.1
S642	2260002740	S.SWI LS8J2M-T	B	72.3/72.1
S643	2260002740	S.SWI LS8J2M-T	B	88.2/72.1
S644	2260002740	S.SWI LS8J2M-T	B	103.6/72.1
S651	2260002740	S.SWI LS8J2M-T	B	56.4/60.8
S652	2260002740	S.SWI LS8J2M-T	B	72.3/64.3
S653	2260002740	S.SWI LS8J2M-T	B	88.2/64.3
S654	2260002740	S.SWI LS8J2M-T	B	103.6/60.8
S661	2260002740	S.SWI LS8J2M-T	B	20.2/32.6
S662	2260002740	S.SWI LS8J2M-T	B	6.2/32.6
S663	2260002740	S.SWI LS8J2M-T	B	29.4/71.6
S664	2260002740	S.SWI LS8J2M-T	B	11.0/71.6
S671	2260002740	S.SWI LS8J2M-T	B	34.2/32.6
S673	2260002740	S.SWI LS8J2M-T	B	44.7/7.4
S681	2260002740	S.SWI LS8J2M-T	B	223.4/18.3
S682	2260002740	S.SWI LS8J2M-T	B	111.2/6.9
S683	2260002740	S.SWI LS8J2M-T	B	128.4/18.3
S691	2260002740	S.SWI LS8J2M-T	B	217.5/25.1
S692	2260002740	S.SWI LS8J2M-T	B	196.7/25.1
S693	2260002740	S.SWI LS8J2M-T	B	175.9/25.1
S694	2260002740	S.SWI LS8J2M-T	B	155.1/25.1
S695	2260002740	S.SWI LS8J2M-T	B	134.3/25.1
S701	2260002740	S.SWI LS8J2M-T	B	147.4/18.3
S702	2260002740	S.SWI LS8J2M-T	B	166.4/18.3
S703	2260002740	S.SWI LS8J2M-T	B	185.4/18.3
S704	2260002740	S.SWI LS8J2M-T	B	204.4/18.3
S711	2260002740	S.SWI LS8J2M-T	B	127.5/7.4
S712	2260002740	S.SWI LS8J2M-T	B	143.5/7.4
S713	2260002740	S.SWI LS8J2M-T	B	159.5/7.4
S714	2260002740	S.SWI LS8J2M-T	B	175.5/7.4
S731	2260002740	S.SWI LS8J2M-T	B	295.0/103.0
S732	2260002740	S.SWI LS8J2M-T	B	295.0/92.7
S733	2260002740	S.SWI LS8J2M-T	B	295.0/80.0
S734	2260002740	S.SWI LS8J2M-T	B	295.0/71.5
S735	2260002740	S.SWI LS8J2M-T	B	274.2/71.6
S736	2260002740	S.SWI LS8J2M-T	B	255.8/71.6

[DISPLAY UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
T113	5910001150	S.TRA 6373-T170 (CEPH145B)	T	234.2/55.0
EP1	6910019900	S.BEA MPZ1608S601AT	T	83.3/98.0
EP2	6910012350	S.BEA MMZ1608Y 102BT	T	87.5/97.9
EP3	6910012350	S.BEA MMZ1608Y 102BT	T	83.3/95.4
EP4	6910012350	S.BEA MMZ1608Y 102BT	T	89.9/97.9
EP5	6910012350	S.BEA MMZ1608Y 102BT	T	91.2/97.9
EP10	6910012350	S.BEA MMZ1608Y 102BT	T	92.5/97.9
EP11	6910012350	S.BEA MMZ1608Y 102BT	T	93.8/97.9
EP21	6910018930	S.BEA MPZ2012S601A	T	246.2/20.4
EP22	6910012350	S.BEA MMZ1608Y 102BT	T	241.3/10.0

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[VR-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R2	7030003860	S.RES ERJ3GE JPW V	T	8.6/8.6
R3	7030003860	S.RES ERJ3GE JPW V	T	8.6/13.2
J2	6510027290	S.CON 52808-0671	T	15.4/3.4
S1	2250000410	ENC TP90D96E20-30F-2178-1		

[VR-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R1	7210002970	VAR RV-314(RK0972210 10KB/10KB)		
R4	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	18.1/7.7
R5	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	19.3/7.7
R6	7210002970	VAR RV-314(RK0972210 10KB/10KB)		
R7	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	12.5/7.7
R8	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	14.9/7.7
C3	4030006900	S.CER C1608 JB 1H 103K-T	T	20.5/7.7
C4	4030006900	S.CER C1608 JB 1H 103K-T	T	16.9/7.7
C5	4030006900	S.CER C1608 JB 1H 103K-T	T	13.7/7.7
C6	4030006900	S.CER C1608 JB 1H 103K-T	T	11.3/7.7
J2	6510019971	S.CON 52808-1071	T	4.0/10.2

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[PBT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
J1	6510027290	S.CON 52808-0671	T	16.4/5.3
S1	2250000410	ENC TP90D96E20-30F-2178-1		

[M-CH UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R2	7030003860	S.RES ERJ3GE JPW V	T	11.2/8.0
R3	7030003860	S.RES ERJ3GE JPW V	T	10.9/3.0
J1	6510027290	S.CON 52808-0671	T	18.6/13.8
S1	2250000410	ENC TP90D96E20-30F-2178-1		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[RIT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
J1	6510027290	S.CON 52808-0671	T	9.2/9.8
S1	2250000650	ENC EVEGC2F2524B		

[JACK UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R1	7030006240	S.RES ERJ12YJ181U (180)	T	30.3/4.9
R2	7030006240	S.RES ERJ12YJ181U (180)	T	34.0/4.9
C1	4030006900	S.CER C1608 JB 1H 103K-T	T	15.5/16.2
C2	4030006900	S.CER C1608 JB 1H 103K-T	T	7.2/8.6
C101	4030006900	S.CER C1608 JB 1H 103K-T	T	6.7/15.4
C102	4030006900	S.CER C1608 JB 1H 103K-T	T	4.1/15.4
J1	6510020711	S.CON 52793-1070(1090)	T	9.0/24.0
J2	6510027890	CON 01J0370-00		
J102	6510023900	CON LGR4619-7000		
EP1	6910014690	S.BEA MPZ1608S221A-T	T	27.7/6.1
EP2	6910014690	S.BEA MPZ1608S221A-T	T	23.8/3.0
EP3	6910014690	S.BEA MPZ1608S221A-T	T	23.8/1.7
EP4	6910012350	S.BEA MMZ1608Y 102BT	T	15.5/13.4
EP5	6910012350	S.BEA MMZ1608Y 102BT	T	13.3/15.4
EP6	6910012350	S.BEA MMZ1608Y 102BT	T	10.6/16.6
EP101	6910012350	S.BEA MMZ1608Y 102BT	T	6.7/16.6
EP102	6910012350	S.BEA MMZ1608Y 102BT	T	4.1/16.6

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MIC UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C1	4030006900	S.CER	C1608 JB 1H 103K-T	T	15.0/17.1
C2	4030006900	S.CER	C1608 JB 1H 103K-T	T	12.6/8.0
C3	4030006900	S.CER	C1608 JB 1H 103K-T	T	7.2/13.2
C4	4030007130	S.CER	C1608 CH 1H 101J-T	T	8.2/3.7
C5	4030006900	S.CER	C1608 JB 1H 103K-T	T	17.5/2.5
C6	4030006900	S.CER	C1608 JB 1H 103K-T	T	8.2/2.5
C7	4030006900	S.CER	C1608 JB 1H 103K-T	T	7.8/11.4
C8	4030007090	S.CER	C1608 CH 1H 470J-T	T	15.0/15.6
J1	6510000191	CON	FM214-8SS(P)-1		
J2	6510019971	S.CON	52808-1071	T	3.4/10.4
EP2	6910012350	S.BEA	MMZ1608Y 102BT	T	18.2/3.7
EP3	6910012350	S.BEA	MMZ1608Y 102BT	T	11.7/2.5
EP4	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/16.4
EP5	6910012350	S.BEA	MMZ1608Y 102BT	T	21.4/12.1
EP6	6910018930	S.BEA	MPZ2012S601A	T	8.0/8.4
EP7	6910018930	S.BEA	MPZ2012S601A	T	9.5/13.3
EP9	6910015130	S.BEA	MMZ1608D 301BT	T	8.2/4.9
EP10	6910015130	S.BEA	MMZ1608D 301BT	T	8.2/6.1
EP11	6910012350	S.BEA	MMZ1608Y 102BT	T	16.9/16.4
EP12	6910018930	S.BEA	MPZ2012S601A	T	9.8/16.9

[BPF UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC201	1110007400	S.IC	BGA616	T	25.5/57.3
Q131	1590003680	S.TRA	KRC402 RTK/P	T	82.2/58.0
Q132	1590003680	S.TRA	KRC402 RTK/P	T	53.6/60.7
Q318	1590003770	S.TRA	KRA302E-RTK/P	T	51.8/18.0
Q320	1590003770	S.TRA	KRA302E-RTK/P	T	91.6/18.0
Q322	1590003770	S.TRA	KRA302E-RTK/P	T	55.9/17.8
Q324	1590003770	S.TRA	KRA302E-RTK/P	T	96.5/18.0
Q326	1590003770	S.TRA	KRA302E-RTK/P	T	66.8/18.0
Q328	1590003770	S.TRA	KRA302E-RTK/P	T	99.9/18.0
Q330	1590003770	S.TRA	KRA302E-RTK/P	T	71.0/17.8
Q332	1590003770	S.TRA	KRA302E-RTK/P	T	103.0/18.0
Q334	1590003770	S.TRA	KRA302E-RTK/P	T	76.1/18.2
Q336	1590003770	S.TRA	KRA302E-RTK/P	T	110.4/16.9
Q338	1590003770	S.TRA	KRA302E-RTK/P	T	86.7/18.0
Q511	1530003852	S.TRA	2SC5551A-F-TD-E	T	28.6/7.4
Q512	1530003852	S.TRA	2SC5551A-F-TD-E	T	26.8/21.4
Q514	1590003770	S.TRA	KRA302E-RTK/P	T	46.6/5.9
Q515	1590003680	S.TRA	KRC402 RTK/P	T	50.8/8.6
Q531	1590003770	S.TRA	KRA302E-RTK/P	T	46.6/13.7
Q532	1530003852	S.TRA	2SC5551A-F-TD-E	T	27.4/42.3
Q533	1590003770	S.TRA	KRA302E-RTK/P	T	46.6/15.7
Q534	1590003680	S.TRA	KRC402 RTK/P	T	50.8/11.1
Q551	1590003680	S.TRA	KRC402 RTK/P	T	50.8/6.1
Q552	1590003770	S.TRA	KRA302E-RTK/P	T	46.1/11.7
Q554	1510001090	S.TRA	KTA2015Y-RTK/P	T	46.9/9.4
D11	1750000581	S.DIO	1SV307(TPH3F)	B	52.3/21.8
D21	1750000581	S.DIO	1SV307(TPH3F)	B	65.4/50.3
D22	1750000581	S.DIO	1SV307(TPH3F)	B	63.1/21.8
D31	1750000581	S.DIO	1SV307(TPH3F)	B	105.0/49.3
D32	1750000581	S.DIO	1SV307(TPH3F)	B	105.5/20.8
D41	1750000581	S.DIO	1SV307(TPH3F)	B	70.4/49.3
D42	1750000581	S.DIO	1SV307(TPH3F)	B	78.2/21.8
D51	1750000581	S.DIO	1SV307(TPH3F)	B	92.9/49.3
D52	1750000581	S.DIO	1SV307(TPH3F)	B	93.0/21.8
D61	1750000581	S.DIO	1SV307(TPH3F)	B	97.8/49.3
D62	1750000581	S.DIO	1SV307(TPH3F)	B	97.9/21.8
D71	1750000581	S.DIO	1SV307(TPH3F)	B	102.7/49.3
D72	1750000581	S.DIO	1SV307(TPH3F)	B	102.8/21.8
D81	1750000581	S.DIO	1SV307(TPH3F)	B	68.1/49.3
D82	1750000581	S.DIO	1SV307(TPH3F)	B	67.3/21.8
D91	1750000581	S.DIO	1SV307(TPH3F)	B	82.1/49.3
D92	1750000581	S.DIO	1SV307(TPH3F)	B	83.1/21.8
D102	1750000581	S.DIO	1SV307(TPH3F)	B	88.1/21.8
D111	1750000581	S.DIO	1SV307(TPH3F)	B	88.0/49.3
D131	1750000581	S.DIO	1SV307(TPH3F)	B	73.9/60.5
D132	1750000581	S.DIO	1SV307(TPH3F)	B	73.9/64.5
D133	1750000581	S.DIO	1SV307(TPH3F)	B	73.9/56.5
D134	1750000581	S.DIO	1SV307(TPH3F)	B	72.3/67.4
D143	1750001320	S.DIO	KDS4148U RTK/P	B	90.4/56.2
D161	1750000581	S.DIO	1SV307(TPH3F)	B	48.9/58.2
D162	1750000581	S.DIO	1SV307(TPH3F)	B	36.7/58.2
D511	1750000581	S.DIO	1SV307(TPH3F)	B	43.9/28.5
D512	1750001320	S.DIO	KDS4148U RTK/P	B	50.5/5.6
D513	1750000581	S.DIO	1SV307(TPH3F)	B	8.5/26.8
D531	1750001320	S.DIO	KDS4148U RTK/P	B	46.8/13.7
D532	1750000581	S.DIO	1SV307(TPH3F)	B	43.9/34.1
D533	1750000581	S.DIO	1SV307(TPH3F)	B	16.7/33.4
D551	1750000581	S.DIO	1SV307(TPH3F)	B	41.0/31.4
D552	1750000581	S.DIO	1SV307(TPH3F)	B	20.6/33.4
L11	6200010800	S.COI	C2520C-4R7G-A	T	51.5/44.3
L12	6200010800	S.COI	C2520C-4R7G-A	T	52.5/37.0
L13	6200002041	S.COI	NLV25T-101J	T	51.5/23.6
L21	6180003540	COI	SP0406-3R9K-6		
L22	6180003770	COI	SP0406-100J-PF		
L23	6180003540	COI	SP0406-3R9K-6		
L31	6180003410	COI	SP0406-2R2K-6		
L32	6180003570	COI	SP0406-3R3K-6		
L33	6180003410	COI	SP0406-2R2K-6		
L41	6180003390	COI	SP0406-1R2K-6		
L42	6180003490	COI	SP0406-2R7K-6		
L43	6180003390	COI	SP0406-1R2K-6		
L51	6200010960	S.COI	C2520C-R47G-A (0.47U)	T	91.5/43.9
L52	6200010810	S.COI	C2520C-2R2G-A	T	92.3/39.7
L53	6200010960	S.COI	C2520C-R47G-A (0.47U)	T	91.6/31.8
L61	6200010740	S.COI	C2520C-R27G-A	T	96.4/40.7
L62	6200010810	S.COI	C2520C-2R2G-A	T	97.2/35.0
L63	6200010740	S.COI	C2520C-R27G-A	T	96.5/27.8
L71	6200010680	S.COI	C2520C-R22G-A (0.22U)	T	34.5/12.8
L72	6200010440	S.COI	C2520C-1R2G-A (1.2U)	T	102.1/39.7
L73	6200010680	S.COI	C2520C-R22G-A (0.22U)	T	101.3/32.5
L81	6200010650	S.COI	C2520C-R12G-A (0.12U)	T	66.5/44.3
L82	6200010450	S.COI	C2520C-R82G-A (0.82U)	T	67.5/38.5
L83	6200010650	S.COI	C2520C-R12G-A (0.12U)	T	66.7/30.5
L91	6200005011	S.COI	NLV25T-100J	T	80.8/47.7
L92	6200010680	S.COI	C2520C-R22G-A (0.22U)	T	81.7/44.3
L93	6200010660	S.COI	C2520C-R15G-A (0.15U)	T	82.5/40.5
L94	6200010660	S.COI	C2520C-R15G-A (0.15U)	T	81.7/36.7
L95	6200010660	S.COI	C2520C-R15G-A (0.15U)	T	81.7/22.6
L96	6200010660	S.COI	C2520C-R15G-A (0.15U)	T	81.0/27.7
L111	6200010740	S.COI	C2520C-R27G-A	T	86.6/40.7
L112	6200010680	S.COI	C2520C-R22G-A (0.22U)	T	87.4/35.0
L113	6200010740	S.COI	C2520C-R27G-A	T	86.7/27.8
L131	6200005491	S.COI	NLV32T-331J	B	81.2/58.5
L132	6200005491	S.COI	NLV32T-331J	B	61.1/62.2
L133	6180003560	COI	SP0406-5R6K-6		
L134	6180003550	COI	SP0406-4R7K-6		
L135	6200005491	S.COI	NLV32T-331J	B	54.0/61.4
L141	6200010730	S.COI	C2520C-68NG-A	B	106.6/17.9
L201	6200009810	S.COI	LQH31HNR61J03L	B	147.1/28.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L202	6200002181	S.COI NLV25T-R12J	T	18.3/56.5
L203	6200005041	S.COI NLV25T-220J	T	25.9/54.7
L301	6200005491	S.COI NLV32T-331J	B	14.6/12.8
L302	6200005491	S.COI NLV32T-331J	B	47.1/21.5
L303	6200005491	S.COI NLV32T-331J	B	50.8/41.0
L511	6200005491	S.COI NLV32T-331J	B	36.3/26.8
L512	6140003800	COI LR-439		
L513	6200002041	S.COI NLV25T-101J	T	31.2/15.7
L514	6200002041	S.COI NLV25T-101J	T	31.0/30.5
L515	6140003810	COI LR-440		
L516	6140003810	COI LR-440		
L517	6200009060	S.COI LQH32CN101K23L	T	19.1/28.9
L518	6140003800	COI LR-439		
L519	6200005491	S.COI NLV32T-331J	B	19.1/27.8
L531	6200005491	S.COI NLV32T-331J	B	44.2/45.1
L532	6140004430	COI LR-500		
L533	6140003900	COI LR-489		
L534	6200002041	S.COI NLV25T-101J	B	25.6/41.5
L535	6200005491	S.COI NLV32T-331J	B	22.6/47.6
L536	6200011660	S.COI LQW18ANR15G00D	T	18.7/35.2
L551	6200005491	S.COI NLV32T-331J	B	37.4/32.2
R11	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	51.8/31.5
R12	7030003860	S.RES ERJ3GE JPW V	T	53.3/28.4
R13	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	52.5/26.1
R21	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	56.1/27.5
R22	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	61.6/44.5
R31	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	106.1/24.1
R32	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	107.7/46.4
R41	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	6.5/40.7
R42	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	19.4/39.5
R51	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	91.6/26.5
R52	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	90.1/41.3
R61	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	96.5/23.3
R62	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	95.0/37.5
R71	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	101.4/26.7
R72	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	99.9/40.5
R81	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	66.8/24.7
R82	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	65.3/41.1
R91	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	78.9/21.8
R92	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	78.9/47.3
R111	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	86.7/23.3
R112	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	85.2/37.5
R131	7030006260	S.RES ERJ12YJ471U (470)	B	77.4/61.7
R132	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	82.0/56.1
R133	7030006260	S.RES ERJ12YJ471U (470)	B	54.7/65.1
R134	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	51.7/59.0
R135	7030003380	S.RES ERJ3GEYJ 331 V (330)	B	57.2/59.7
R136	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	55.5/60.8
R141	7030003300	S.RES ERJ3GEYJ 680 V (68)	T	103.7/59.0
R142	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	103.0/57.0
R143	7030003300	S.RES ERJ3GEYJ 680 V (68)	T	103.7/54.9
R144	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	88.8/55.1
R161	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	B	44.8/58.2
R162	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	47.1/62.8
R163	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	B	40.8/58.2
R167	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	46.1/65.0
R170	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	33.0/57.4
R174	7030003860	S.RES ERJ3GE JPW V	T	47.0/60.5
R201	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	9.8/61.9
R202	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	9.0/59.7
R203	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	11.1/59.0
R207	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	30.8/54.7
R208	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	30.8/53.3
R209	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	30.8/51.9
R301	7030006260	S.RES ERJ12YJ471U (470)	B	10.6/13.5
R302	7030006260	S.RES ERJ12YJ471U (470)	B	47.1/27.3
R303	7030006260	S.RES ERJ12YJ471U (470)	B	49.6/33.5
R321	7030003860	S.RES ERJ3GE JPW V	T	57.5/8.6
R322	7030003860	S.RES ERJ3GE JPW V	T	58.8/8.6
R323	7030003860	S.RES ERJ3GE JPW V	T	69.2/8.6
R324	7030003860	S.RES ERJ3GE JPW V	T	61.4/8.6
R325	7030003860	S.RES ERJ3GE JPW V	T	65.3/8.6
R326	7030003860	S.RES ERJ3GE JPW V	T	66.6/8.6
R327	7030003860	S.RES ERJ3GE JPW V	T	67.9/8.6
R328	7030003860	S.RES ERJ3GE JPW V	T	60.1/8.6
R329	7030003860	S.RES ERJ3GE JPW V	T	62.7/8.6
R330	7030003860	S.RES ERJ3GE JPW V	T	64.0/8.6
R331	7030003860	S.RES ERJ3GE JPW V	T	70.5/8.6
R332	7030003860	S.RES ERJ3GE JPW V	T	54.3/7.8
R333	7030003860	S.RES ERJ3GE JPW V	T	54.5/9.1
R334	7030003860	S.RES ERJ3GE JPW V	T	54.5/10.4
R335	7030003220	S.RES ERJ3GEYJ 150 V (15)	T	73.1/8.6
R337	7030003860	S.RES ERJ3GE JPW V	T	78.7/6.6
R338	7030003860	S.RES ERJ3GE JPW V	T	78.7/4.0
R339	7030003860	S.RES ERJ3GE JPW V	T	71.8/8.6
R340	7030003220	S.RES ERJ3GEYJ 150 V (15)	T	74.3/8.6
R341	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	51.0/19.9
R342	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	56.1/19.6
R343	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	90.8/23.3
R344	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	66.0/21.3
R345	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	95.7/19.9
R346	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	71.1/19.6
R347	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	100.6/23.3
R348	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	76.1/21.8
R349	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	104.6/21.5
R350	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	85.9/19.9
R511	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	39.6/26.7
R512	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	31.3/13.4
R513	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	31.7/27.7
R514	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	32.8/6.8
R515	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	31.1/21.0
R516	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	T	32.6/5.5
R517	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	T	31.1/19.7

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R518	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	15.1/26.8
R519	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	29.5/13.7
R520	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	26.0/29.1
R521	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	24.9/8.7
R522	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	22.7/22.9
R523	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	37.3/26.8
R524	7030003860	S.RES ERJ3GE JPW V	T	44.0/16.7
R531	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	45.7/41.0
R532	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	40.6/36.8
R533	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	36.3/36.0
R534	7030007860	S.RES ERJ3GEYJ 8R2V (8.2)	B	30.2/42.0
R535	7030003240	S.RES ERJ3GEYJ 220 V (22)	T	29.8/36.0
R536	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	19.3/47.4
R537	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	42.1/39.0
R538	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	34.6/37.5
R539	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	45.4/45.0
R550	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	45.4/19.2
R551	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	34.5/32.9
R552	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	29.4/34.3
R553	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	38.3/30.8
R554	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	49.3/8.2
R555	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	36.8/28.8
R556	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	44.6/47.0
R557	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	46.8/7.5
C12	4030018600	S.CER C1608 CH 1H 152J-T	T	52.5/40.2
C13	4030019570	S.CER C1608 CH 1H 332J-T	T	52.5/41.8
C14	4030019570	S.CER C1608 CH 1H 332J-T	T	52.5/43.9
C15	4030019570	S.CER C1608 CH 1H 332J-T	T	50.4/47.3
C16	4030019120	S.CER GRM188B31E105KA75D	T	53.3/31.5
C19	4030011600	S.CER C1608 JB 1E 104K-T	T	51.0/21.2
C21	4030011600	S.CER C1608 JB 1E 104K-T	T	61.6/47.1
C22	4030018620	S.CER C1608 CH 1H 222J-T	T	61.6/45.8
C23	4030017810	S.CER C1608 CH 1H 102J-T	T	62.5/32.7
C24	4030018620	S.CER C1608 CH 1H 222J-T	T	56.1/28.8
C25	4030011600	S.CER C1608 JB 1E 104K-T	T	56.1/30.1
C29	4030011600	S.CER C1608 JB 1E 104K-T	T	56.1/20.8
C31	4030011600	S.CER C1608 JB 1E 104K-T	T	105.7/47.0
C32	4030018600	S.CER C1608 CH 1H 152J-T	T	105.7/45.7
C33	4030017810	S.CER C1608 CH 1H 102J-T	T	111.7/25.6
C34	4030018600	S.CER C1608 CH 1H 152J-T	T	109.0/25.6
C35	4030011600	S.CER C1608 JB 1E 104K-T	T	106.9/26.3
C39	4030011600	S.CER C1608 JB 1E 104K-T	T	104.6/22.8
C41	4030011600	S.CER C1608 JB 1E 104K-T	T	71.1/53.5
C42	4030017870	S.CER C1608 CH 1H 681J-T	T	71.1/52.2
C43	4030011830	S.CER C1608 CH 1H 301J-T	T	77.5/32.7
C44	4030017870	S.CER C1608 CH 1H 681J-T	T	71.1/28.8
C45	4030011600	S.CER C1608 JB 1E 104K-T	T	71.1/30.1
C49	4030011600	S.CER C1608 JB 1E 104K-T	T	71.1/20.8
C51	4030011600	S.CER C1608 JB 1E 104K-T	T	90.1/46.9
C52	4030017870	S.CER C1608 CH 1H 681J-T	T	92.1/46.1
C53	4030007150	S.CER C1608 CH 1H 151J-T	T	92.9/35.7
C54	4030017870	S.CER C1608 CH 1H 681J-T	T	92.1/29.5
C55	4030011600	S.CER C1608 JB 1E 104K-T	T	90.8/28.3
C59	4030011600	S.CER C1608 JB 1E 104K-T	T	90.8/24.6
C61	4030011600	S.CER C1608 JB 1E 104K-T	T	95.1/43.7
C62	4030017800	S.CER C1608 CH 1H 561J-T	T	97.0/38.2
C63	4030007110	S.CER C1608 CH 1H 680J-T	T	98.0/31.0
C64	4030017800	S.CER C1608 CH 1H 561J-T	T	95.8/30.2
C65	4030011600	S.CER C1608 JB 1E 104K-T	T	95.7/25.3
C69	4030011600	S.CER C1608 JB 1E 104K-T	T	95.7/21.2
C71	4030011600	S.CER C1608 JB 1E 104K-T	T	99.9/46.9
C72	4030011330	S.CER C1608 CH 1H 391J-T	T	101.9/46.1
C73	4030007110	S.CER C1608 CH 1H 680J-T	T	102.1/35.7
C74	4030011330	S.CER C1608 CH 1H 391J-T	T	101.9/30.0
C75	4030011600	S.CER C1608 JB 1E 104K-T	T	100.6/28.7
C79	4030011600	S.CER C1608 JB 1E 104K-T	T	100.6/24.6
C81	4030011600	S.CER C1608 JB 1E 104K-T	T	65.4/47.3
C82	4030010760	S.CER C1608 CH 1H 331J-T	T	67.3/41.9
C83	4030007090	S.CER C1608 CH 1H 470J-T	T	68.3/34.1
C84	4030010760	S.CER C1608 CH 1H 331J-T	T	67.5/28.0
C85	4030011600	S.CER C1608 JB 1E 104K-T	T	66.0/26.7
C89	4030011600	S.CER C1608 JB 1E 104K-T	T	66.0/22.6
C91	4030006860	S.CER C1608 JB 1H 102K-T	T	77.6/47.3
C92	4030007040	S.CER C1608 CH 1H 180J-T	T	78.1/44.5
C93	4030007100	S.CER C1608 CH 1H 560J-T	T	78.1/43.2
C94	4030007050	S.CER C1608 CH 1H 220J-T	T	79.0/41.1
C95	4030007020	S.CER C1608 CH 1H 120J-T	T	80.3/41.1
C96	4030007120	S.CER C1608 CH 1H 820J-T	T	79.5/39.1
C97	4030007010	S.CER C1608 CH 1H 100D-T	T	82.5/33.2
C98	4030007090	S.CER C1608 CH 1H 470J-T	T	81.2/31.9
C99	4030007090	S.CER C1608 CH 1H 470J-T	T	83.3/31.1
C100	4030011280	S.CER C1608 CH 1H 271J-T	T	81.2/30.6
C101	4030007090	S.CER C1608 CH 1H 470J-T	T	83.3/27.8
C102	4030006860	S.CER C1608 JB 1H 102K-T	T	78.1/23.8
C103	4030006980	S.CER C1608 CH 1H 070D-T	T	82.5/34.5
C109	4030011600	S.CER C1608 JB 1E 104K-T	T	77.4/21.8
C111	4030011600	S.CER C1608 JB 1E 104K-T	T	85.3/43.7
C112	4030007100	S.CER C1608 CH 1H 560J-T	T	87.2/38.2
C113	4030007110	S.CER C1608 CH 1H 680J-T	T	88.0/31.0
C114	4030007100	S.CER C1608 CH 1H 560J-T	T	86.0/30.2
C115	4030011600	S.CER C1608 JB 1E 104K-T	T	85.9/25.3
C119	4030011600	S.CER C1608 JB 1E 104K-T	T	85.9/21.2
C131	4030011600	S.CER C1608 JB 1E 104K-T	T	82.0/60.0
C132	4030011600	S.CER C1608 JB 1E 104K-T	B	63.1/66.0
C133	4030018600	S.CER C1608 CH 1H 152J-T	B	67.6/61.5
C134	4030019570	S.CER C1608 CH 1H 332J-T	B	71.7/61.5
C135	4030019570	S.CER C1608 CH 1H 332J-T	B	69.6/61.5
C136	4030018620	S.CER C1608 CH 1H 222J-T	B	70.7/64.8
C137	4030011340	S.CER C1608 CH 1H 471J-T	B	68.6/64.8
C138	4030017810	S.CER C1608 CH 1H 102J-T	T	50.4/59.0
C139	4030011600	S.CER C1608 JB 1E 104K-T	T	53.7/58.3
C140	4030019120	S.CER GRM188B31E105KA75D	T	83.8/62.3
C141	4030011600	S.CER C1608 JB 1E 104K-T	B	59.8/58.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[BPF UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C142	4030006900	S.CER	C1608 JB 1H 103K-T	T	89.6/57.2
C143	4030011600	S.CER	C1608 JB 1E 104K-T	T	53.7/57.1
C161	4030011600	S.CER	C1608 JB 1E 104K-T	B	47.1/65.1
C170	4030011600	S.CER	C1608 JB 1E 104K-T	T	28.3/58.2
C201	4030007010	S.CER	C1608 CH 1H 100D-T	T	14.8/60.7
C202	4030007120	S.CER	C1608 CH 1H 820J-T	T	15.9/57.2
C203	4030007020	S.CER	C1608 CH 1H 120J-T	T	18.3/58.4
C204	4030007120	S.CER	C1608 CH 1H 820J-T	T	20.8/57.2
C205	4030011600	S.CER	C1608 JB 1E 104K-T	T	22.9/56.5
C206	4030011600	S.CER	C1608 JB 1E 104K-T	T	28.4/55.5
C301	4030019120	S.CER	GRM188B31E105KA75D	B	7.5/12.4
C302	4030019120	S.CER	GRM188B31E105KA75D	B	44.6/31.4
C321	4030006860	S.CER	C1608 JB 1H 102K-T	B	54.6/6.9
C322	4030006860	S.CER	C1608 JB 1H 102K-T	B	54.5/8.7
C323	4030006860	S.CER	C1608 JB 1H 102K-T	B	54.5/10.5
C325	4030006860	S.CER	C1608 JB 1H 102K-T	B	82.2/7.6
C326	4030006860	S.CER	C1608 JB 1H 102K-T	B	82.2/9.4
C327	4030006860	S.CER	C1608 JB 1H 102K-T	B	56.9/7.1
C328	4030006860	S.CER	C1608 JB 1H 102K-T	B	58.7/7.1
C329	4030006860	S.CER	C1608 JB 1H 102K-T	B	60.5/7.1
C330	4030006860	S.CER	C1608 JB 1H 102K-T	B	62.3/7.1
C331	4030006860	S.CER	C1608 JB 1H 102K-T	B	64.1/7.1
C332	4030006860	S.CER	C1608 JB 1H 102K-T	B	65.9/7.1
C333	4030006860	S.CER	C1608 JB 1H 102K-T	B	67.7/7.1
C334	4030006860	S.CER	C1608 JB 1H 102K-T	B	69.5/7.1
C335	4030006860	S.CER	C1608 JB 1H 102K-T	B	71.3/7.1
C336	4030006860	S.CER	C1608 JB 1H 102K-T	B	73.1/7.1
C337	4030006860	S.CER	C1608 JB 1H 102K-T	B	74.9/7.0
C338	4030006860	S.CER	C1608 JB 1H 102K-T	B	78.5/7.1
C339	4030006860	S.CER	C1608 JB 1H 102K-T	B	76.7/7.0
C340	4510009340	S.ELE	EEEHA1C101WP	T	78.5/10.8
C511	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.0/26.8
C512	4030019120	S.CER	GRM188B31E105KA75D	B	41.4/26.7
C513	4030019120	S.CER	GRM188B31E105KA75D	T	32.8/8.1
C514	4030019120	S.CER	GRM188B31E105KA75D	T	31.1/22.3
C515	4030019120	S.CER	GRM188B31E105KA75D	B	31.6/17.4
C516	4030019120	S.CER	GRM188B31E105KA75D	B	30.8/29.2
C517	4030019120	S.CER	GRM188B31E105KA75D	T	31.3/10.8
C518	4030019120	S.CER	GRM188B31E105KA75D	T	31.1/25.1
C519	4030019120	S.CER	GRM188B31E105KA75D	B	18.8/17.3
C520	4030019120	S.CER	GRM188B31E105KA75D	B	18.9/24.0
C521	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.3/12.1
C522	4030019120	S.CER	GRM188B31E105KA75D	B	11.9/26.1
C523	4030011600	S.CER	C1608 JB 1E 104K-T	T	16.1/28.2
C526	4030007010	S.CER	C1608 CH 1H 100D-T	B	12.7/21.8
C527	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.1/26.4
C528	4030006860	S.CER	C1608 JB 1H 102K-T	T	32.8/9.4
C529	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.1/23.6
C531	4030019120	S.CER	GRM188B31E105KA75D	B	43.9/41.0
C532	4030019120	S.CER	GRM188B31E105KA75D	B	20.2/40.7
C533	4030019120	S.CER	GRM188B31E105KA75D	T	35.0/36.0
C534	4030019120	S.CER	GRM188B31E105KA75D	T	32.4/36.0
C535	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/45.0
C536	4030006860	S.CER	C1608 JB 1H 102K-T	T	33.7/36.0
C537	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.1/36.0
C538	4030019120	S.CER	GRM188B31E105KA75D	T	22.4/36.2
C539	4030006860	S.CER	C1608 JB 1H 102K-T	T	21.1/36.2
C540	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.1/47.5
C541	4030006990	S.CER	C1608 CH 1H 080D-T	T	42.8/36.8
C542	4550006120	S.TAN	TEESVA 0G 226M8R	T	28.1/36.0
C543	4550006120	S.TAN	TEESVA 0G 226M8R	T	38.0/34.8
C544	4030007010	S.CER	C1608 CH 1H 100D-T	T	16.5/35.9
C545	4030019120	S.CER	GRM188B31E105KA75D	T	13.5/28.2
C546	4030019120	S.CER	GRM188B31E105KA75D	T	14.8/28.2
C549	4030019120	S.CER	GRM188B31E105KA75D	T	42.9/30.8
C550	4030019120	S.CER	GRM188B31E105KA75D	T	41.6/30.8
C551	4030011600	S.CER	C1608 JB 1E 104K-T	T	40.3/30.8
C552	4030019120	S.CER	GRM188B31E105KA75D	B	31.9/33.2
C553	4030009520	S.CER	C1608 CH 1H 020B-T	T	24.2/6.7
C554	4030009520	S.CER	C1608 CH 1H 020B-T	T	22.0/20.9
RL141	6330001860	REL	UA2-12NU		
J141	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J201	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J301	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J302	6510020081	S.CON	52808-2071(2090)	T	65.5/4.0

[DC-DC UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC201	1190002450	S.IC	BD9851EFV-E2	T	56.9/27.4
IC301	1190002450	S.IC	BD9851EFV-E2	T	29.1/27.4
Q201	1550000140	S.FET	CPH6316-TL-E	T	52.8/21.2
Q202	1550000140	S.FET	CPH6316-TL-E	T	62.0/21.9
Q302	1550000140	S.FET	CPH6316-TL-E	T	34.2/21.9
D201	1790001450	S.DIO	RB160L-40 TE-25	T	54.1/16.3
D202	1790001450	S.DIO	RB160L-40 TE-25	T	67.2/20.2
D203	1750000880	S.DIO	RB551V-30TE-17	T	61.8/26.6
D302	1790001450	S.DIO	RB160L-40 TE-25	T	39.4/20.2
D303	1750000880	S.DIO	RB551V-30TE-17	T	34.0/26.6
L201	6180003501	S.COI	SLF6028T-100M1R3-PF	T	49.1/16.0
L202	6200011300	S.COI	EXCML16A270U	T	53.4/12.6
L203	6200013280	S.COI	SLF10145T-330M1R6-PF	T	56.2/37.1
L204	6200012250	S.COI	SLF7045T-3R3M2R5-PF 3.3U	T	61.9/16.3
L205	6200011300	S.COI	EXCML16A270U	T	64.6/21.5
L303	6200013280	S.COI	SLF10145T-330M1R6-PF	T	28.0/37.1
L304	6200012250	S.COI	SLF7045T-3R3M2R5-PF 3.3U	T	34.1/16.3
L305	6200011300	S.COI	EXCML16A270U	T	36.8/21.5
R201	7030005691	S.RES	ERA3YED 123V (12K)	T	47.9/30.5
R202	7030007230	S.RES	ERA3YED 102V (1K)	T	49.1/30.5
R203	7030006461	S.RES	ERA3YED 152V (1.5K)	T	47.1/27.4
R204	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	46.7/30.5
R205	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.1/26.8
R206	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	47.9/23.7
R207	7030003740	S.RES	ERJ3GEYJ 334 V (330K)	T	49.8/24.2
R208	7030005451	S.RES	ERA3YED 153V (15K)	T	47.1/25.0
R209	7030005321	S.RES	ERA3YED 103V (10K)	T	47.1/26.2
R210	7030005511	S.RES	ERA3YED 303V (30K)	T	52.5/30.4
R211	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	52.2/24.2
R212	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	62.1/24.4
R213	7030003860	S.RES	ERJ3GE JPW V	T	63.9/26.5
R214	7030005971	S.RES	ERA3YKD 683V (68K)	T	66.3/31.7
R215	7030005971	S.RES	ERA3YKD 683V (68K)	T	68.1/31.0
R216	7030005451	S.RES	ERA3YED 153V (15K)	T	64.3/31.4
R217	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	66.7/29.9
R218	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	63.4/28.9
R219	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	64.5/24.6
R221	7030008170	S.RES	ERJ12YJ1R0U (1)	T	49.7/4.3
R307	7030003860	S.RES	ERJ3GE JPW V	T	22.0/24.2
R308	7030003860	S.RES	ERJ3GE JPW V	T	19.5/25.0
R310	7030005981	S.RES	ERA3YED 333V (33K)	T	24.6/30.4
R312	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	34.3/24.4
R313	7030003860	S.RES	ERJ3GE JPW V	T	36.1/26.5
R314	7030006601	S.RES	ERA3YED 272V (2.7K)	T	38.5/31.7
R315	7030005731	S.RES	ERA3YKD 823V (82K)	T	40.3/31.0
R316	7030005691	S.RES	ERA3YED 123V (12K)	T	36.0/31.4
R317	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	38.9/29.9
R318	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	35.8/28.9
R319	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	36.5/24.6
R321	7030003860	S.RES	ERJ3GE JPW V	T	22.2/30.5
C3	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.1/3.0
C4	4030011600	S.CER	C1608 JB 1E 104K-T	T	13.3/4.5
C5	4030011600	S.CER	C1608 JB 1E 104K-T	T	11.5/3.5
C6	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.1/38.8
C201	4030011600	S.CER	C1608 JB 1E 104K-T	T	49.0/9.0
C202	4030018970	S.CER	C3225 JB 1C 226MT-N	T	48.2/11.2
C203	4030018970	S.CER	C3225 JB 1C 226MT-N	T	47.8/20.8
C204	4030010020	S.CER	C1608 JB 1H 122K-T	T	48.0/28.6
C205	4030008860	S.CER	C1608 JB 1H 153K-T	T	50.3/26.8
C206	4030011810	S.CER	C1608 JB 1A 224K-T	T	51.0/24.2
C207	4030007070	S.CER	C1608 CH 1H 330J-T	T	51.3/30.4
C208	4030011600	S.CER	C1608 JB 1E 104K-T	T	65.4/34.1
C209	4030018970	S.CER	C3225 JB 1C 226MT-N	T	66.1/36.3
C210	4030018970	S.CER	C3225 JB 1C 226MT-N	T	66.1/39.3
C211	4030018970	S.CER	C3225 JB 1C 226MT-N	T	56.9/22.4
C212	4030010240	S.CER	C1608 JB 1H 391K-T	T	65.5/29.9
C213	4030010770	S.CER	C1608 JB 1H 392K-T	T	63.9/27.7
C214	4030019620	S.CER	GRM188B31C225KE14D	T	67.0/26.1
C215	4030019620	S.CER	GRM188B31C225KE14D	T	61.5/31.4
C216	4030019120	S.CER	GRM188B31E105KA75D	T	62.7/31.4
C217	4030018970	S.CER	C3225 JB 1C 226MT-N	T	67.2/14.8
C218	4030011600	S.CER	C1608 JB 1E 104K-T	T	67.4/9.2
C219	4030019560	S.CER	GRM21BB31C106KE15L	T	53.4/3.2
C220	4030019560	S.CER	GRM21BB31C106KE15L	T	64.0/4.8
C307	4030007070	S.CER	C1608 CH 1H 330J-T	T	23.4/30.4
C308	4030011600	S.CER	C1608 JB 1E 104K-T	T	37.6/34.1
C309	4030018970	S.CER	C3225 JB 1C 226MT-N	T	38.3/36.3
C310	4030018970	S.CER	C3225 JB 1C 226MT-N	T	38.3/39.3
C311	4030018970	S.CER	C3225 JB 1C 226MT-N	T	29.1/22.4
C312	4030010240	S.CER	C1608 JB 1H 391K-T	T	37.7/29.9
C313	4030010770	S.CER	C1608 JB 1H 392K-T	T	36.1/27.7
C314	4030019620	S.CER	GRM188B31C225KE14D	T	39.2/26.1
C315	4030019620	S.CER	GRM188B31C225KE14D	T	33.5/31.4
C316	4030019120	S.CER	GRM188B31E105KA75D	T	34.7/31.4
C317	4030018970	S.CER	C3225 JB 1C 226MT-N	T	39.4/14.8
C318	4030011600	S.CER	C1608 JB 1E 104K-T	T	39.6/9.2
C319	4030019560	S.CER	GRM21BB31C106KE15L	T	36.3/4.8
J1	6510019121	S.CON	S8B-PH-SM4-TB(LF)(SN)	T	16.4/5.8
F201	5210001050	S.FUS	ICP-S0.5TN	T	44.6/4.3
F202	5210001040	S.FUS	ICP-S1.2TN	T	59.3/4.8
F302	5210001040	S.FUS	ICP-S1.2TN	T	31.5/4.8

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[DC-DC UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
EP3	6910018930	S.BEA MPZ2012S601A	T	15.1/10.9
EP4	6910018930	S.BEA MPZ2012S601A	T	13.3/9.8
EP5	6910018930	S.BEA MPZ2012S601A	T	11.5/8.7
EP6	6910018930	S.BEA MPZ2012S601A	T	15.2/37.6
EP7	6910018930	S.BEA MPZ2012S601A	T	13.3/36.6
EP8	6910018930	S.BEA MPZ2012S601A	T	10.2/36.4
EP201	6910018930	S.BEA MPZ2012S601A	T	56.0/9.1
EP202	6910018930	S.BEA MPZ2012S601A	T	60.5/8.2
EP203	6910018930	S.BEA MPZ2012S601A	T	49.1/37.1
EP302	6910018930	S.BEA MPZ2012S601A	T	32.6/8.2
EP303	6910018930	S.BEA MPZ2012S601A	T	20.9/37.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

SECTION 6 MECHANICAL PARTS

[CHASSIS PARTS]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510000370	MR-DS-01 <SSC>	1
J2	6510000370	MR-DS-01 <SSC>	1
J3	6510000370	MR-DS-01 <SSC>	1
J4	6510000330	NR-DS-01 <SSC>	1
SP1	2510000761	SM-C77KY0208	1
MF1	2710000630	FBA08T12HC	1
W1**	8900019230	OPC-2025 (P1N20L80)	1
W2**	8900019440	OPC-2077 (P1N16L60)	1
W3**	8900017980	OPC-1341A (P1N30L70)	1
W4**	8900019230	OPC-2025 (P1N20L80)	1
W5**	8900015160	OPC-916A (P1N22L120)	1
W6**	8900019570	OPC-2085 (P0.5N40L150)	1
W7**	8900020210	OPC-2099 (P0.5N40L330S)	1
W8**	8900019270	OPC-2029 (P1N20L190)	1
W9**	8900019900	OPC-2135 (P1N20L100)	1
W10**	8900019290	OPC-2031 (P0.5N30L110)	1
W101**	8970025110	1.5D 300MM (#3183 CH W101)	1
W103**	8970025120	1.5D 150MM (#3183 CH W103)	1
W105**	8970025130	1.5D 300MM (#3183 CH W105)	1
W107**	8970024201	1.5DCOAXIAL300MM-1 C31/C31	1
W109**	8970025140	1.5D 320MM (#3183 CH W109)	1
W111**	8970025140	1.5D 320MM (#3183 CH W109)	1
W113**	8970025160	1.5D 320MM (#3183 CH W113)	1
W115**	8970025170	1.5D 420MM (#3183 CH W115)	1
W117**	8970025110	1.5D 300MM (#3183 CH W101)	1
W119**	8970024401	1.5DCOAXIAL360MM-1 C31/C31	1
W121**	8970024401	1.5DCOAXIAL360MM-1 C31/C31	1
W123**	8970025180	1.5D 150MM (#3183 CH W123)	1
W125**	8970024291	1.5DCOAXIAL150MM-1 C31/C31	1
W127**	8970025190	1.5D 250MM (#3183 CH W127)	1
W129**	8970024091	1.5DCOAXIAL210MM-1 C31/C31	1
W131**	8970024730	1.5DCOAXIAL 80MM C31/C31	1
W133**	8970024401	1.5DCOAXIAL360MM-1 C31/C31	1
W135**	8970024201	1.5DCOAXIAL300MM-1 C31/C31	1
W137**	8970024201	1.5DCOAXIAL300MM-1 C31/C31	1
W139**	8970024341	1.5DCOAXIAL190MM-1 C31/C31	1
W141**	8970024082	1.5DCOAXIAL180MM-2 C31/C31	1
W143**	8970025210	1.5DCOAXIAL250MM C31/C31	1
W145**	8970025200	1.5D 300MM (#3183 CH W145)	1
W1001**	8600037310	SX3183 P1001*P1002CH	1
W1021**	8600037320	SX3183 P1021*P1022CH	1
W1031**	8600037330	SX3183 P1031*P1032CH	1
W1041**	8600037340	SX3183 P1041*P1042CH	1
W1051**	8600037320	SX3183 P1021*P1022CH	1
W1061**	8600037350	SX3183 P1061*1062*1063*1064CH	1
W1081**	8600037420	SX3183 P1081*82*83CH 6G4	1
W1091**	8600037370	SX3183 P1091*P1092*P1093CH	1
W1101**	8600037380	SX3183 J1101*P1102CH	1
W1121**	8600037390	SX3183 P1121CH	1
W1111**	8900019310	OPC-2033	1
W1131**	8900019320	OPC-2034	1
EP1	6910021760	BH09062901 (FAN GUARD)	1
EP141	9064200040	VINYL TUBE 6 L=20MM	1
EP142	9064200040	VINYL TUBE 6 L=20MM	1
MP1	8010021550	3183 CHASSIS	1
MP2	8110009830	3183 U-COVERASSEMBLY	1
MP3	8110009781	3183 L-COVER-1	1
MP4	8510019470	3183 SHIELD COVER	1
MP7	8810006501	BIND M4 X20 ZK3	4
MP8	8510019490	3183 TUNER PLATE	1
MP9	8510019480	3183 PLL PLATE	1
MP10	8510019510	3183 BPF PLATE	1
MP11	8510019501	3183 BPF CASE-1	1
MP15	8810003361	SETSCREWC M3 X 6 ZC3	4
MP16	8930052450	2355 EARTH PLATE	4
MP18	8810008661	PHBT M3 X 8 NI-ZC3	8
MP19	8930077030	3073 MAIN STAND	2
MP20	8930077040	3073 SUB STAND	2
MP21	8810008661	PHBT M3 X 8 NI-ZC3	2
MP22	8930077020	3073 A-STAND SHEET	2
MP23	8930077490	3073 B-STAND SHEET	2
MP24	8930040590	RUBBER LEG (K)	2
MP25	8930077650	3073 SIDE HANDLE (5)	1
MP26	8810010870	FLAT M4 X12 ZK3	2
MP27	8930079690	RUBBER STAND (Q)	4
MP28	8820000530	FLANGE BOLT M4 X 8 NI	1
MP29	8850000140	FLAT WASHER M 4 NI BS	2
MP30	8850000430	S-WASHER M 4 NI	1
MP31	8810005771	BIND M3 X 8 ZK3BLACK	12
MP32	8810005771	BIND M3 X 8 ZK3BLACK	6
MP33	8810008661	PHBT M3 X 8 NI-ZC3	22
MP34	8810009651	FLATBT M3 X 8 NI-ZC3	4

[CHASSIS PARTS]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
MP35	8810008661	PHBT M3 X 8 NI-ZC3	7
MP36	8810008661	PHBT M3 X 8 NI-ZC3	8
MP37	8810003361	SETSCREWC M3 X 6 ZC3	5
MP38	8810008661	PHBT M3 X 8 NI-ZC3	7
MP39	8810008661	PHBT M3 X 8 NI-ZC3	1
MP40	8930027480	1126 TR-A CLIP Y124	1
MP41	8810008661	PHBT M3 X 8 NI-ZC3	9
MP42	8810008661	PHBT M3 X 8 NI-ZC3	7
MP43	8810008661	PHBT M3 X 8 NI-ZC3	9
MP44	8810008661	PHBT M3 X 8 NI-ZC3	5
MP45	8810005771	BIND M3 X 8 ZK3BLACK	5
MP46	8810008661	PHBT M3 X 8 NI-ZC3	4
MP47	8810008661	PHBT M3 X 8 NI-ZC3	9
MP48	8810008661	PHBT M3 X 8 NI-ZC3	13
MP49	8810007231	SETSCREWH M3 X 8 ZC3	2
MP50	8810007231	SETSCREWH M3 X 8 ZC3	4
MP51	8930075440	3015 RUG SPRING Y1115	2
MP52	8810008661	PHBT M3 X 8 NI-ZC3	17
MP54	8810007231	SETSCREWH M3 X 8 ZC3	2
MP55	8810007231	SETSCREWH M3 X 8 ZC3	4
MP57	8810007231	SETSCREWH M3 X 8 ZC3	4
MP59	8810007231	SETSCREWH M3 X 8 ZC3	2
MP60	8810007231	SETSCREWH M3 X 8 ZC3	4
MP62	8310050190	2355 ANT PLATE	1
MP63	8810007231	SETSCREWH M3 X 8 ZC3	1
MP64	8930080830	THERMAL SHEET (BV)TC300HSV1.4 (5X19.5	1
MP65	8810008661	PHBT M3 X 8 NI-ZC3	4
MP66	8010021630	3183 MAIN CHASSIS	1
MP67	8930079060	3073 DC PLATE	1
MP68	8930067290	SHIELD SPONGE (AR)	1
MP71	8930015640	CODE HOLDER SX713	1
MP72	8930080990	3183 FAN SPRING Y1196	1
MP73	8930081060	3183 AL SHEET	1
MP74	8930067290	SHIELD SPONGE (AR)	1
MP75	8510019730	3183 DC-DC PLATE	1
MP76	8510019720	3183 DC-DC CASE	1
MP77	8810008661	PHBT M3 X 8 NI-ZC3	4
MP78	8810003361	SETSCREWC M3 X 6 ZC3	4
MP79	8810007231	SETSCREWH M3 X 8 ZC3	9
MP80	8950003640	COATING CLIP CS-2 (UL)	1
MP81	8930067290	SHIELD SPONGE (AR)	1
MP82	8930070510	THERMAL SHEET (BF)TC-600HS-1.4 (14.5X)	1
MP83	8930059122	THERMAL SHEET (AJ)-2 TC400TXS (7X7)	1
MP84	8930053461	THERMAL SHEET (Q)-1 TC500HS-1.4	1
MP85	8930053461	THERMAL SHEET (Q)-1 TC500HS-1.4	1
MP86	8930058840	SHIELD SPONGE (T)	1
MP87	8930067290	SHIELD SPONGE (AR)	1
MP88	8930063000	THERMAL SHEET (AQ) TC-700HS-1.4	1
MP89	8950003640	COATING CLIP CS-2 (UL)	1
MP90	8930053461	THERMAL SHEET (Q)-1 TC500HS-1.4	1
MP91	8930058840	SHIELD SPONGE (T)	1
MP92	8930015640	CODE HOLDER SX713	1
MP93	8510019940	3183 BPF SHIELD PLATE	1
MP94	8930043800	DOUBLE SIDE TAPE (S)	1
MP96**	8930083590	AL SHEET (AR)	1
MP97	8930081440	3183 SP S-DAMPER	1
MP98	8930082600	SHIELD SPONGE (CT)	1
MP99	8930081500	3183 SP B-SPONGE	2
MP100	8930082150	SPONGE (KZ)	1
MP101	8950003640	COATING CLIP CS-2 (UL)	1
MP102	8950003640	COATING CLIP CS-2 (UL)	1
MP103	8950003640	COATING CLIP CS-2 (UL)	1
MP104	8930078840	SHIELD SPONGE (CM)	1
MP105*	8930054470	FERRITE SHEET (I) 20X50X1	1
MP106	8950003640	COATING CLIP CS-2 (UL)	1
MP107	8930081420	SPONGE (KX)	1
MP108**	8930081420	SPONGE (KX)	1
MP109	8930081420	SPONGE (KX)	1
MP110	8930081420	SPONGE (KX)	1
MP111	8930081420	SPONGE (KX)	1
MP114	8930082150	SPONGE (KZ)	1
MP115**	8930081420	SPONGE (KX)	1
MP116**	8930028840	SPONGE (DF)	1
MP117	8930070510	THERMAL SHEET (BF)TC-600HS-1.4 (14.5X)	1
MP118	8930070510	THERMAL SHEET (BF)TC-600HS-1.4 (14.5X)	1
MP120	8930063000	THERMAL SHEET (AQ) TC-700HS-1.4	1
MP121	8930058170	SHIELD SPONGE (O)	1
MP122	8930058170	SHIELD SPONGE (O)	1
MP123	8930058170	SHIELD SPONGE (O)	1
MP124	8930076540	SHIELD SPONGE (CK)	1
MP125	8930058170	SHIELD SPONGE (O)	1
MP126	8930058840	SHIELD SPONGE (T)	1
MP127**	8930078840	SHIELD SPONGE (CM)	1

*: Refer to “**BOARD LAYOUTS**” for the location.
: Refer to “GENERAL WIRING**” for the connection
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510027480	S12B-ZR-SM4A-TF (LF) (SN)	1
J2*	6510027490	S11B-ZR-SM4A-TF (LF) (SN)	1
J3*	6510020081	52808-2071 (2090)	1
J5*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J6*	6510025270	S6B-PH-SM4-TB (LF) (SN)	1
J7*	6510023861	S9B-ZR-SM4A-TF (LF) (SN)	1
J8*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510024111	52793-2070 (2090)	1
J10*	6510027500	S11B-PH-SM4-TB (LF) (SN)	1
J11*	6510024111	52793-2070 (2090)	1
J12*	6510027460	52793-3070	1
J13*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J1122*	6510019971	52808-1071	1
J3201*	6510018450	TMP-S01X-B1	1
J3202*	6510018450	TMP-S01X-B1	1
J3203*	6510018301	S2B-ZR-SM4A-TF (LF) (SN)	1
J3204*	6510023801	S4B-ZR-SM4A-TF (LF) (SN)	1
J3621*	6510018450	TMP-S01X-B1	1
J3671*	6510018450	TMP-S01X-B1	1
J3911*	6510018450	TMP-S01X-B1	1
J6001*	6510025540	AXK724127G	1
J6002*	6510023861	S9B-ZR-SM4A-TF (LF) (SN)	1
MP2001	8510019780	3183 A-MAIN CASE	1
MP2002	8510019790	3183 B-MAIN CASE	1
MP2003	8930081481	INSULATION SHEET (IA)-1	1
MP4001*	8510019900	3183 A-MAIN PLATE Y1200	1
MP5001*	8930083230	3183 C-MAIN PLATE Y1240	1
MP5005*	8930065741	2590 D-EARTH SPRING-1	1

[CONNECT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J101*	6510023720	LGY6501-0600C	1
J102*	6510023720	LGY6501-0600C	1
J151*	6510018961	B2B-PH-SM4-TB (LF) (SN)	1
J611*	6510023720	LGY6501-0600C	1
J751*	6510026540	UBB-4R-D14T-4D (LF) (SN)	1
J851*	6510027740	HSJ2462-010010	1
J1001*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J1002*	6510027040	B12B-PH-SM4-TB (LF) (SN)	1
J1003*	6510021261	B9B-ZR-SM4-TF (LF) (SN)	1
J1101*	6450001641	TCS5044-0141177	1
J1201*	6450001841	TCS7568-4320177	1
J1301*	6510023900	LGR4619-7000	1
J1401*	6450001130	JPJ2042-01-110	1
MP751*	8930083220	3182 JACK SPRING [EUR]	1
	8930083220	3182 JACK SPRING [EUR-01]	1
	8930083220	3182 JACK SPRING [ITR]	1
	8930083220	3182 JACK SPRING [ESP]	1
	8930083220	3182 JACK SPRING [FRA]	1

[PLL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J81*	6510019991	52808-2271 (2291)	1
J501*	6510028210	SJ050010 (TMP-J01X-V6)	1
J571*	6510028210	SJ050010 (TMP-J01X-V6)	1
J601*	6510028210	SJ050010 (TMP-J01X-V6)	1
J701*	6510028210	SJ050010 (TMP-J01X-V6)	1
J851*	6510028210	SJ050010 (TMP-J01X-V6)	1
J852*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1171*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1281*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1301*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1701*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1801*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1901*	6510028210	SJ050010 (TMP-J01X-V6)	1
W351	7030011280	J1/4ZC	1
W361	7030011280	J1/4ZC	1
W1051	7030011280	J1/4ZC	1
W1061	7030011280	J1/4ZC	1
EP151*	6910002161	CASE-BM7H-LF	1
EP354*	6910002161	CASE-BM7H-LF	1
EP1054*	6910002161	CASE-BM7H-LF	1
MP291*	8510019980	3183 B-VCO CASE Y1205	1
MP292	8510019990	3183 B-VCO COVER Y1206	1
MP293	8810008490	SETSCREWH M2.6X 8 NI	2
MP351*	8510019110	3073 PLL CASE Y1140	1
MP352*	8930025070	SPONGE (CW)	1
MP353*	8930001181	EARTH SPRING-1 (FX-22)	1
MP411*	8510006810	DC-DC CASE FX859	1

[PLL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
MP661*	8510019800	3183 FILTER CASE Y1191	1
MP671*	8930065741	2590 D-EARTH SPRING-1	1
MP701*	8510013140	2241 DC-A CASE	1
MP702*	8510005351	637 VCO SHIELD PLATE-1	1
MP703*	8930078840	SHIELD SPONGE (CM)	1
MP1051*	8510019110	3073 PLL CASE Y1140	1
MP1054*	8930050240	1632 PLL SPLING Y472	1
MP1060*	8930058170	SHIELD SPONGE (O)	1
MP1101*	8510012310	2157 DBM CASE	1
MP1171*	8930063970	SHIELD SPONGE (AM)	1
MP1172*	8510019880	3183 PLL CASE Y1197	1
MP1201*	8510018870	2355 C-SHIELD CASE Y1088	1
MP1202*	8930050240	1632 PLL SPLING Y472	1
MP1231*	8510018870	2355 C-SHIELD CASE Y1088	1
MP1232*	8930057931	SHIELD SPONGE (M)-1	1
MP1501*	8510013140	2241 DC-A CASE	1
MP1502*	8510005351	637 VCO SHIELD PLATE-1	1
MP1503*	8930063970	SHIELD SPONGE (AM)	1
MP1504*	8930078840	SHIELD SPONGE (CM)	1
MP1881*	8930065741	2590 D-EARTH SPRING-1	1
MP2001*	8510013140	2241 DC-A CASE	1
MP2002*	8510005351	637 VCO SHIELD PLATE-1	1
MP2003*	8930078840	SHIELD SPONGE (CM)	1
MP2004*	8930058510	INSULATION SHEET HC	1
MP2005*	8930058510	INSULATION SHEET HC	1
MP2006*	8930076750	RUBBER SHEET (CC)	1
MP2007*	8930043300	RUBBER SHEET (AG)	1
MP2008*	8930053940	RUBBER SHEET (AV)	1

[RF-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J301*	6510020081	52808-2071 (2090)	1
J451*	6510019991	52808-2271 (2291)	1
J501*	6510028210	SJ050010 (TMP-J01X-V6)	1
J701*	6510028210	SJ050010 (TMP-J01X-V6)	1
J741*	6510028210	SJ050010 (TMP-J01X-V6)	1
J801*	6510028210	SJ050010 (TMP-J01X-V6)	1
J931*	6510027650	AXN480C330P	1
J951*	6510027660	AXN380C038P	1
J1011*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1141*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1301*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
EP911*	6910002161	CASE-BM7H-LF	1
EP913*	6910002161	CASE-BM7H-LF	1
MP651*	8510012400	2177 D/A CASE Y454	1
MP701*	8930024170	EARTH SPRING (G) Y072	1
MP702*	8930081180	3183 RF-A SPRING Y1199	1
MP911*	8930065741	2590 D-EARTH SPRING-1	1
MP1071*	6910001130	10MSHIELD CASE (P10L-A)	1
MP1101*	8510012400	2177 D/A CASE Y454	1
MP1121*	8510015900	2590 M-2LO CASE Y697	1
MP1201*	8510012400	2177 D/A CASE Y454	1
MP1701*	8510010760	1876 DDS CASE	1
MP1702*	8510010770	1876 DDS COVER	1

[RF-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510020001	52808-3071 (3090)	1
J52*	6510019981	52808-1671 (1690)	1
J101*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
J201*	6510028210	SJ050010 (TMP-J01X-V6)	1
J381*	6510028210	SJ050010 (TMP-J01X-V6)	1
J501*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J601*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1351*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1491*	6510028210	SJ050010 (TMP-J01X-V6)	1
J1751*	6510028210	SJ050010 (TMP-J01X-V6)	1
J2351*	6510028210	SJ050010 (TMP-J01X-V6)	1
J2491*	6510028210	SJ050010 (TMP-J01X-V6)	1
EP731	6910002161	CASE-BM7H-LF	1
EP732	6910002161	CASE-BM7H-LF	1
EP1051	6910002161	CASE-BM7H-LF	1
MP211*	8510015900	2590 M-2LO CASE Y697	1
MP212*	8930057931	SHIELD SPONGE (M)-1	1
MP213*	8930070580	SHIELD SPONGE (BA)	1
MP214*	8510002280	VCO SHIELD (A) FX 15 [USA]	1
	8510002280	VCO SHIELD (A) FX 15 [TPE]	1
	8510002280	VCO SHIELD (A) FX 15 [KOR]	1
	8510002280	VCO SHIELD (A) FX 15 [CHN]	1
	8510002280	VCO SHIELD (A) FX 15 [EXP]	1
MP251	8510012400	2177 D/A CASE Y454	1

*: Refer to “**BOARD LAYOUTS**” for the location.
: Refer to “GENERAL WIRING**” for the connection
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[RF-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
MP252*	8930065741	2590 D-EARTH SPRING-1 [USA]	1
	8930065741	2590 D-EARTH SPRING-1 [TPE]	1
	8930065741	2590 D-EARTH SPRING-1 [KOR]	1
	8930065741	2590 D-EARTH SPRING-1 [CHN]	1
	8930065741	2590 D-EARTH SPRING-1 [EXP]	1
MP255	8510012400	2177 D/A CASE Y454	1
MP256	8930083170	3183 C-EARTH SPRING	1
MP257	8930083170	3183 C-EARTH SPRING	1
MP381*	8930057870	2429 EARTH SPRING	1
MP501*	8930081340	FERRITE SHEET (AE)	1
MP601*	8510002280	VCO SHIELD (A) FX 15	1
MP611*	8510015900	2590 M-2LO CASE Y697	1
MP651*	8510012400	2177 D/A CASE Y454	1
MP655*	8510012400	2177 D/A CASE Y454	1
MP701*	6910001130	10MSHIELD CASE (P10L-A)	1
MP1051	8510010460	1691 MAIN SHIELD PLATE Y295	1
MP1052*	8510019870	3183 MIXER CASE Y1198	1
MP1201*	8510010460	1691 MAIN SHIELD PLATE Y295	1
MP1476*	8510002280	VCO SHIELD (A) FX 15	1
MP1501*	8510010460	1691 MAIN SHIELD PLATE Y295	1
MP1551*	8510013390	2355 MIX CASE	1
MP1611*	8510012400	2177 D/A CASE Y454	1
MP1612*	8930065741	2590 D-EARTH SPRING-1	1
MP1671*	8510018870	2355 C-SHIELD CASE Y1088	1
MP2051*	8510002020	MIXSHIELD CASE SX155	1
MP2052*	8930059380	SHIELD SPONGE (X)	1
MP2495*	8510010460	1691 MAIN SHIELD PLATE Y295	1
MP2496*	8930062740	2590 M-SPRING	1
MP2551*	8510012400	2177 D/A CASE Y454	1
MP2582*	8510020260	3183 FILTER A-CASE Y1241	1
MP2583*	8930031700	INSULATION DC	1
MP2584*	8930068000	SHIELD SPONGE (AT)	1
MP2601*	8510019800	3183 FILTER CASE Y1191	1
MP2701*	8510012400	2177 D/A CASE Y454	1
MP2801*	8510018870	2355 C-SHIELD CASE Y1088	1

[PA-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J201*	6510028210	SJ050010 (TMP-J01X-V6)	1
J351*	6510018921	B8B-PH-SM4-TB (LF) (SN)	1
J401*	6510020081	52808-2071 (2090)	1
J402*	6510020051	B11B-PH-SM4-TB (LF) (SN)	1
J403*	6510018921	B8B-PH-SM4-TB (LF) (SN)	1
J451*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
J462*	6510018971	B4B-PH-SM4-TB (LF) (SN)	1
J1201*	6510028210	SJ050010 (TMP-J01X-V6)	1
F1*	5220000400	FHA010-01F	1
F3*	5210000940	1205	1
W1	9062700030	77/98/040/X98/X98 [EUR]	1
	9062700030	77/98/040/X98/X98 [EUR-01]	1
	9062700030	77/98/040/X98/X98 [ITR]	1
	9062700030	77/98/040/X98/X98 [ESP]	1
	9062700030	77/98/040/X98/X98 [FRA]	1
W2	9062700030	77/98/040/X98/X98 [EUR]	1
	9062700030	77/98/040/X98/X98 [EUR-01]	1
	9062700030	77/98/040/X98/X98 [ITR]	1
	9062700030	77/98/040/X98/X98 [ESP]	1
	9062700030	77/98/040/X98/X98 [FRA]	1
W3	9062700030	77/98/040/X98/X98 [EUR]	1
	9062700030	77/98/040/X98/X98 [EUR-01]	1
	9062700030	77/98/040/X98/X98 [ITR]	1
	9062700030	77/98/040/X98/X98 [ESP]	1
	9062700030	77/98/040/X98/X98 [FRA]	1
W4	9062700030	77/98/040/X98/X98 [EUR]	1
	9062700030	77/98/040/X98/X98 [EUR-01]	1
	9062700030	77/98/040/X98/X98 [ITR]	1
	9062700030	77/98/040/X98/X98 [ESP]	1
	9062700030	77/98/040/X98/X98 [FRA]	1
EP1*	6910020710	OT-047 M3	1
EP2*	6910020710	OT-047 M3	1
EP3*	6910020710	OT-047 M3	1
EP4*	6910020710	OT-047 M3	1
MP1*	8930075200	HIMELON SHEET (CY) [EUR]	1
	8930075200	HIMELON SHEET (CY) [EUR-01]	1
	8930075200	HIMELON SHEET (CY) [ITR]	1
	8930075200	HIMELON SHEET (CY) [ESP]	1
	8930075200	HIMELON SHEET (CY) [FRA]	1
MP2*	8930075200	HIMELON SHEET (CY) [EUR]	1
	8930075200	HIMELON SHEET (CY) [EUR-01]	1
	8930075200	HIMELON SHEET (CY) [ITR]	1
	8930075200	HIMELON SHEET (CY) [ESP]	1
	8930075200	HIMELON SHEET (CY) [FRA]	1

[PA-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J101*	6510028210	SJ050010 (TMP-J01X-V6)	1
J471*	6510028210	SJ050010 (TMP-J01X-V6)	1
J761*	6510028210	SJ050010 (TMP-J01X-V6)	1
J901*	6510019981	52808-1671 (1690)	1
J931*	6510018921	B8B-PH-SM4-TB (LF) (SN)	1
W431*	9045201001	74/98/040/X98/X98	1
W801*	7030012280	RD25T0R0	1
EP431*	6910000610	FSRH050100RN000B (FSOH050RN01)	1
EP432*	6910000610	FSRH050100RN000B (FSOH050RN01)	1
EP921*	6910020710	OT-047 M3	1
EP922*	6910020710	OT-047 M3	1
MP171*	8930065741	2590 D-EARTH SPRING-1	1
MP172*	8510015100	2577 SHIELD CASE Y659	1
MP173*	8930054900	2356 EARTH SPRING	1
MP252*	8930065741	2590 D-EARTH SPRING-1	1
MP253*	8930065741	2590 D-EARTH SPRING-1	1
MP301*	8860001490	3183 RUG Y1188	1
MP401*	8860001490	3183 RUG Y1188	1
MP402*	8860001490	3183 RUG Y1188	1
MP471*	8930065741	2590 D-EARTH SPRING-1	1
MP473*	8510019830	3183 PA-B CASE	1
MP701*	8860001490	3183 RUG Y1188	1
MP702*	8860001490	3183 RUG Y1188	1
MP731*	8930073550	2355 PLATE Y1053	1
MP771*	8930065741	2590 D-EARTH SPRING-1	1
MP772*	8930080960	3183 PA-B SPRING	1
MP803*	8930065741	2590 D-EARTH SPRING-1	1

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510028210	SJ050010 (TMP-J01X-V6)	1
J301*	6510028210	SJ050010 (TMP-J01X-V6)	1
J351*	6510028210	SJ050010 (TMP-J01X-V6)	1
J901*	6510020081	52808-2071 (2090)	1
J1001*	6510022031	B10B-ZR-SM4-TF (LF) (SN)	1
J1101*	6510021722	30FLT-SM2-TB (LF) (SN) (M)	1
J1201*	6510018971	B4B-PH-SM4-TB (LF) (SN)	1
J2101*	6510028210	SJ050010 (TMP-J01X-V6)	1
W2001*	7030012280	RD25T0R0	1
W2002*	7030012280	RD25T0R0	1
MP401*	8930065741	2590 D-EARTH SPRING-1	1
MP601*	8510002020	MIXSHIELD CASE SX155	1
MP701*	8510020170	2355 A-SHIELD CASE Y1226	1
MP702*	8510002280	VCO SHIELD (A) FX 15	1
MP2101*	8930057870	2429 EARTH SPRING	1

[NETWORK UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510028210	SJ050010 (TMP-J01X-V6)	1
J91*	6510028210	SJ050010 (TMP-J01X-V6)	1
J201*	6510021722	30FLT-SM2-TB (LF) (SN) (M)	1
MF1	2710000800	MP24ZA (STEPPING MOTOR)	1
MF2	2710000800	MP24ZA (STEPPING MOTOR)	1
MP1	8930041091	1876 A-ANGLE-1	1
MP2	8810008661	PHBT M3 X 8 NI-ZC3	1
MP3	8810009061	FLAT M3 X 6 ZK3	4
MP4	8930041111	1876 B-ANGLE-1	1
MP5	8810009061	FLAT M3 X 6 ZK3	2
MP6	8820000881	1528 SCREW-1	4
MP7	8930030112	1414 PLATE-2	2
MP8	8950003200	UJ6-5 (UNIVERSAL COUPLING)	2
MP9*	8930051580	2178 TUNER PLATE Y503	1

*: Refer to "**BOARD LAYOUTS**" for the location.
: Refer to "GENERAL WIRING**" for the connection
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
W1**	8900019300	OPC-2032 (P1N6L50)	1
W2**	8900018000	OPC-1344A (P1N10L70)	1
W3**	8900018000	OPC-1344A (P1N10L70)	1
W4**	8900018000	OPC-1344A (P1N10L70)	1
W5**	8900019300	OPC-2032 (P1N6L50)	1
W6**	8900019300	OPC-2032 (P1N6L50)	1
W7**	8900019300	OPC-2032 (P1N6L50)	1
EP1	0880002780	EX-3210 #01 (MAIN DIAL)	1
EP2	6910015650	S-G2218-3#01 (MOUNT PLATE) 0	1
EP3	6910015650	S-G2218-3#01 (MOUNT PLATE) 0	1
MP1	8210025750	3183 FRONT PANELASSEMBLY	1
MP2	8010021650	3183 SUB CHASSISASSEMBLY	1
MP4	8310074220	3183 WINDOW PLATE	1
MP5	8930079310	3183 KEYBOARD (SHJ)	1
MP6	8610014060	KNOB K-295	1
MP7	8610014050	KNOB K-294	1
MP9	8610014090	KNOB K-293	1
MP10	8610014020	KNOB K-290	1
MP11	8610014030	KNOB K-291	1
MP12	8610014040	KNOB K-292	1
MP13	8610014110	KNOB N-379 (A)	3
MP14	8610014080	KNOB K-297	1
MP15	8610014070	KNOB K-296	1
MP16	8610014100	KNOB N-378 (A)	2
MP18	8610013922	KNOB N-268ASSEMBLY (A)-2	1
MP20	8930076900	3073 D-RUBBER (TOP)	1
MP27	8930076910	3073 BRAKE BUTTON	1
MP28	8930077360	3073 BRAKE PAD	2
MP29	8610011830	KNOBN301	3
MP30	8610013290	KNOB N-361	2
MP31	8610014140	KNOB N-380ASSEMBLY (A)	1
MP32	8810008761	PHBT M2 X 8 NI-ZC3	17
MP34	8810008661	PHBT M3 X 8 NI-ZC3	10
MP35	8930081070	3183 WINDOW SHEET	1
MP38	8930082280	SPONGE (LB)	1
MP39	8930071490	2242 F-SPONGE	1
MP40	8930071490	2242 F-SPONGE	1
MP41	8930082320	SPONGE (LC)	1
MP42	8930082320	SPONGE (LC)	1
MP43	8950003640	COATING CLIP CS-2 (UL)	1
MP44**	8930025070	SPONGE (CW)	1

[DISPLAY UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
R722*	7210003370	R0904N-B10KL-20KQ-R1080<SKD>	1
R724*	7210003370	R0904N-B10KL-20KQ-R1080<SKD>	1
R726*	7210003370	R0904N-B10KL-20KQ-R1080<SKD>	1
R728*	7210003370	R0904N-B10KL-20KQ-R1080<SKD>	1
J1*	6510020081	52808-2071 (2090)	1
J21*	6510019971	52808-1071	1
J31*	6510019971	52808-1071	1
J32*	6510015541	B4B-ZR-SM4-TF (LF) (SN)	1
J51*	6510019971	52808-1071	1
J61*	6510027290	52808-0671	1
J71*	6510027290	52808-0671	1
J81*	6510027290	52808-0671	1
J91*	6510027290	52808-0671	1
J101*	6510018971	B4B-PH-SM4-TB (LF) (SN)	1
J111	6510003401	B04B-EH-S (LF) (SN)	1
J281*	6510019971	52808-1071	1
J451*	6510027390	40FHY-RSM1-GAN-TF (LF) (SN)	1
J452*	6510027390	40FHY-RSM1-GAN-TF (LF) (SN)	1
J453*	6510027400	50FHY-RSM1-GAN-TF (LF) (SN)	1
J454*	6510027400	50FHY-RSM1-GAN-TF (LF) (SN)	1
J455*	6510027400	50FHY-RSM1-GAN-TF (LF) (SN)	1
DS111	5080000421	MBS 3 UA1W 70N ASSY	1
DS451	5030003350	TSC2G0369-E <SKD>	1
S601*	2260002740	LS8J2M-T	1
S602*	2260002740	LS8J2M-T	1
S603*	2260002740	LS8J2M-T	1
S604*	2260002740	LS8J2M-T	1
S611*	2260002740	LS8J2M-T	1
S612*	2260002740	LS8J2M-T	1
S613*	2260002740	LS8J2M-T	1
S614*	2260002740	LS8J2M-T	1
S621*	2260002740	LS8J2M-T	1
S622*	2260002740	LS8J2M-T	1
S623*	2260002740	LS8J2M-T	1
S624*	2260002740	LS8J2M-T	1
S631*	2260002740	LS8J2M-T	1
S632*	2260002740	LS8J2M-T	1
S633*	2260002740	LS8J2M-T	1
S634*	2260002740	LS8J2M-T	1
S641*	2260002740	LS8J2M-T	1

[DISPLAY UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
S642*	2260002740	LS8J2M-T	1
S643*	2260002740	LS8J2M-T	1
S644*	2260002740	LS8J2M-T	1
S651*	2260002740	LS8J2M-T	1
S652*	2260002740	LS8J2M-T	1
S653*	2260002740	LS8J2M-T	1
S654*	2260002740	LS8J2M-T	1
S661*	2260002740	LS8J2M-T	1
S662*	2260002740	LS8J2M-T	1
S663*	2260002740	LS8J2M-T	1
S664*	2260002740	LS8J2M-T	1
S671*	2260002740	LS8J2M-T	1
S673*	2260002740	LS8J2M-T	1
S681*	2260002740	LS8J2M-T	1
S682*	2260002740	LS8J2M-T	1
S683*	2260002740	LS8J2M-T	1
S691*	2260002740	LS8J2M-T	1
S692*	2260002740	LS8J2M-T	1
S693*	2260002740	LS8J2M-T	1
S694*	2260002740	LS8J2M-T	1
S695*	2260002740	LS8J2M-T	1
S701*	2260002740	LS8J2M-T	1
S702*	2260002740	LS8J2M-T	1
S703*	2260002740	LS8J2M-T	1
S704*	2260002740	LS8J2M-T	1
S711*	2260002740	LS8J2M-T	1
S712*	2260002740	LS8J2M-T	1
S713*	2260002740	LS8J2M-T	1
S714*	2260002740	LS8J2M-T	1
S731*	2260002740	LS8J2M-T	1
S732*	2260002740	LS8J2M-T	1
S733*	2260002740	LS8J2M-T	1
S734*	2260002740	LS8J2M-T	1
S735*	2260002740	LS8J2M-T	1
S736*	2260002740	LS8J2M-T	1
T113*	5910001150	6373-T170 (CEPH145B)	1
MP111*	8510019770	3183 CFL CASE	1
MP112*	8930081100	THERMAL SHEET (BX)TC1000HS1.4 (6.8X13	1
MP451	8930079340	3183 LCD HOLDER	1
MP452	8930083250	3183 LCD A-SPONGE	1
MP453	8210025710	3183 REFLECTOR	1
MP454	8930079370	3183 WHITE SHEET	1
MP455	8930079730	3183 LCD FILTER	1
MP456	8930074720	SPONGE (JX)	4

[VR-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J2*	6510027290	52808-0671	1
S1	2250000410	TP90D96E20-30F-2178-1	1

[VR-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J2*	6510019971	52808-1071	1

[PBT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510027290	52808-0671	1
S1	2250000410	TP90D96E20-30F-2178-1	1

[M-CH UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510027290	52808-0671	1
S1	2250000410	TP90D96E20-30F-2178-1	1

[RIT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510027290	52808-0671	1
S1	2250000650	EVEGC2F2524B	1

*: Refer to “**BOARD LAYOUTS**” for the location.
: Refer to “GENERAL WIRING**” for the connection
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[JACK UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510020711	52793-1070 (1090)	1
J2	6510027890	01J0370-00	1
J102	6510023900	LGR4619-7000	1

[MIC UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510000191	FM214-8SS (P)-1	1
J2*	6510019971	52808-1071	1

[BPF UNIT]

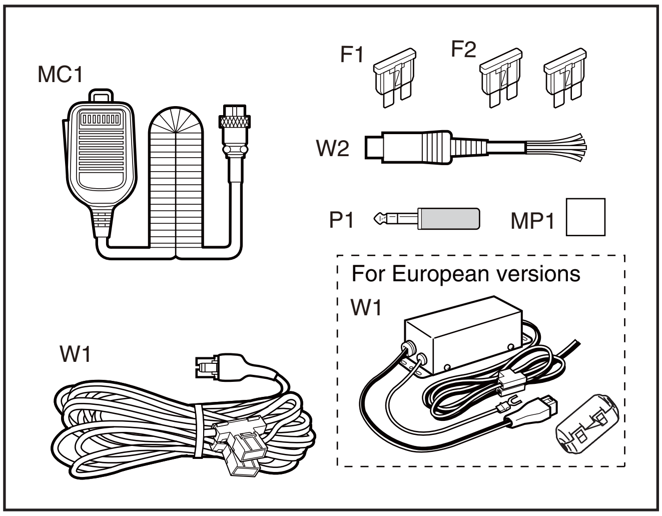
REF NO.	ORDER NO.	DESCRIPTION	QTY.
J141	6510028210	SJ050010 (TMP-J01X-V6)	1
J201	6510028210	SJ050010 (TMP-J01X-V6)	1
J301	6510028210	SJ050010 (TMP-J01X-V6)	1
J302*	6510020081	52808-2071 (2090)	1
MP31	8930062740	2590 M-SPRING	1

[DC-DC UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510019121	S8B-PH-SM4-TB (LF) (SN)	1
F201*	5210001050	ICP-S0.5TN	1
F202*	5210001040	ICP-S1.2TN	1
F302*	5210001040	ICP-S1.2TN	1
MP201	8510015740	2590 DC-DC B-CASE Y687	1
MP202	8510015750	2590 DC-DC B-PLATE Y689	1
MP301	8510015740	2590 DC-DC B-CASE Y687	1
MP302	8510015750	2590 DC-DC B-PLATE Y689	1
MP401	8930059021	THERMAL SHEET (AI)-1 TC-100HS-1.4	1
MP402	8930059021	THERMAL SHEET (AI)-1 TC-100HS-1.4	1
MP403	8930062220	THERMAL SHEET (AO)TC-200HS-1.4 (29X48)	1
MP404	8930062220	THERMAL SHEET (AO)TC-200HS-1.4 (29X48)	1

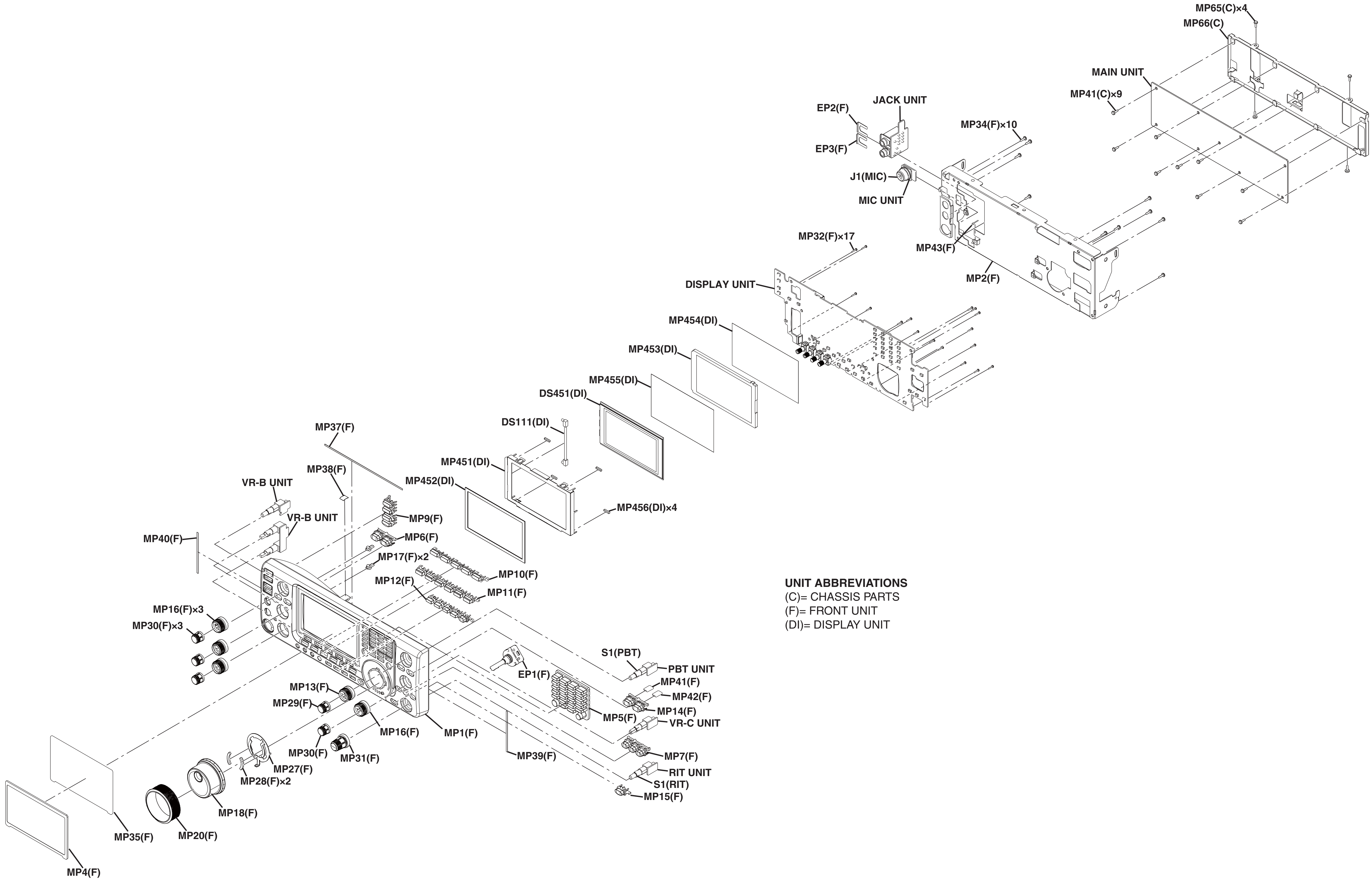
[ACCESSORIES]

REF NO.	ORDER NO.	DESCRIPTION		QTY.
P1	5610000410	AP-319		1
F1	5210000840	ATC-30		2
F2	5210000940	1205		1
MC1	(Optional)	HM-36		1
W1	8900013980	OPC-1457	[USA]	1
	8900013980	OPC-1457	[TPE]	1
	8900013980	OPC-1457	[KOR]	1
	8900013980	OPC-1457	[CHN]	1
	8900013980	OPC-1457	[EXP]	1
	0880003060	OPC-2095	[EUR]	1
	0880003060	OPC-2095	[EUR-01]	1
	0880003060	OPC-2095	[ITR]	1
	0880003060	OPC-2095	[ESP]	1
	0880003060	OPC-2095	[FRA]	1
W2	8900006110	OPC-596		1
EP1	6910011941	ZCAT2436-1330A-BK	[EUR]	1
	6910011941	ZCAT2436-1330A-BK	[EUR-01]	1
	6910011941	ZCAT2436-1330A-BK	[ITR]	1
	6910011941	ZCAT2436-1330A-BK	[ESP]	1
	6910011941	ZCAT2436-1330A-BK	[FRA]	1
MP1	8930080210	DOUBLE SIDE TAPE (BG)		1



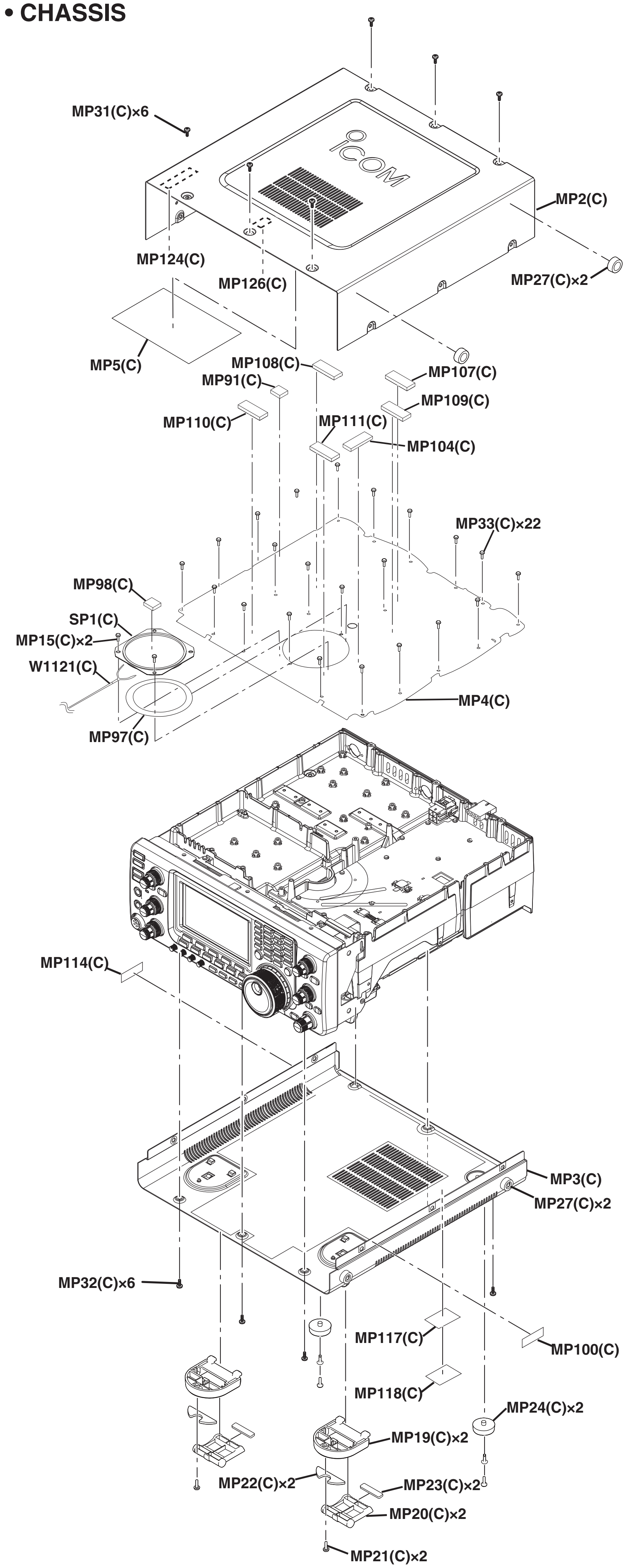
*: Refer to “**BOARD LAYOUTS**” for the location.
: Refer to “GENERAL WIRING**” for the connection
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

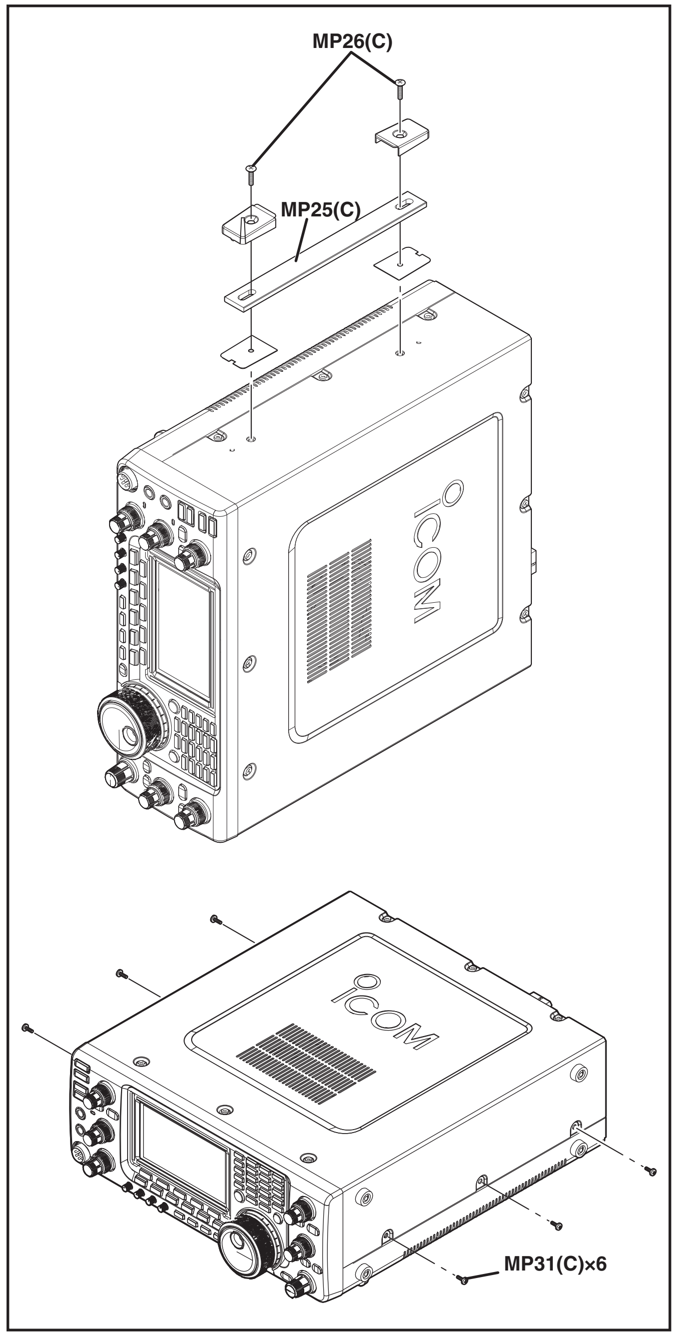
• FRONT UNIT

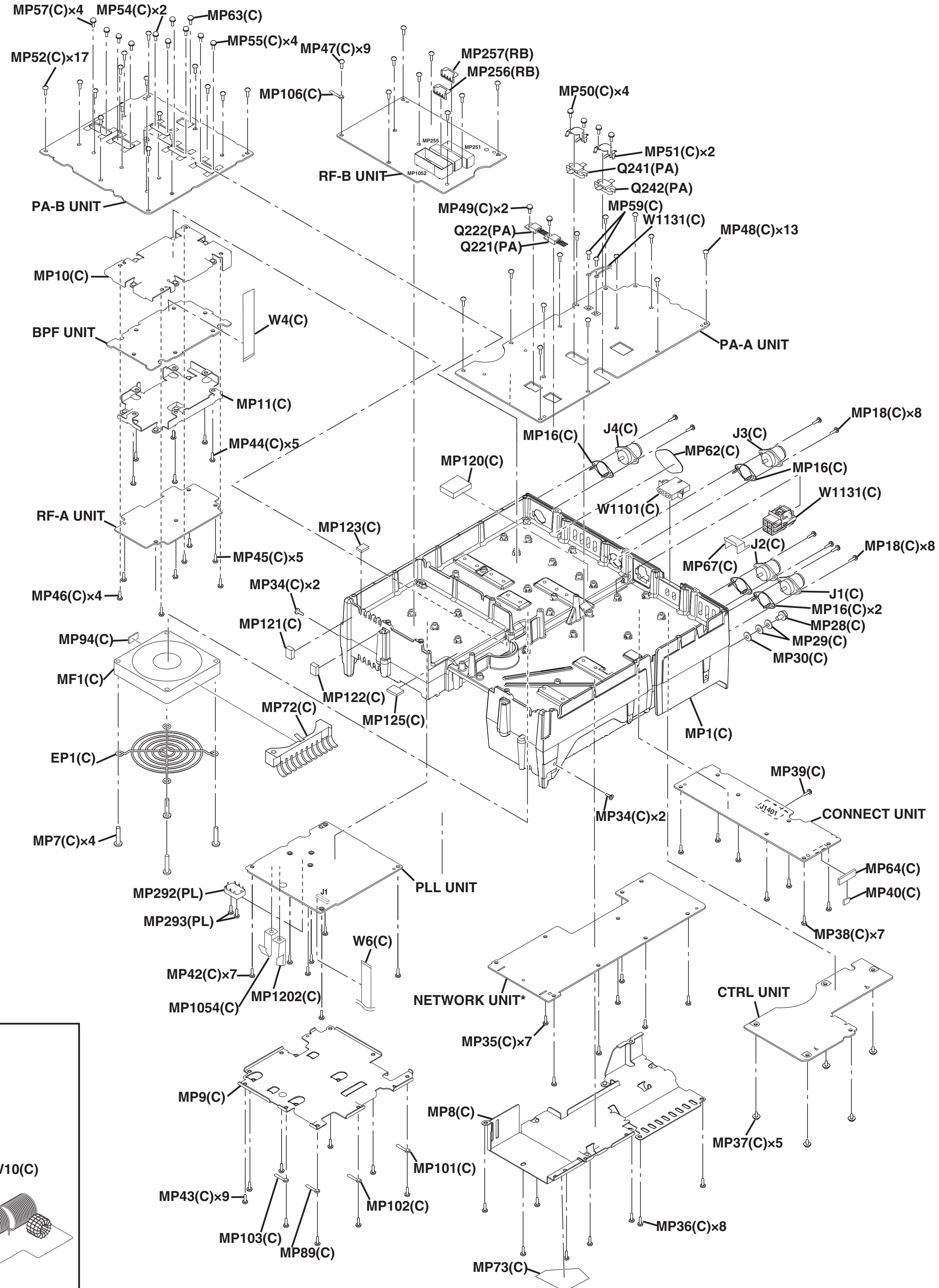


UNIT ABBREVIATIONS
(C)= CHASSIS PARTS
(F)= FRONT UNIT
(DI)= DISPLAY UNIT

• CHASSIS

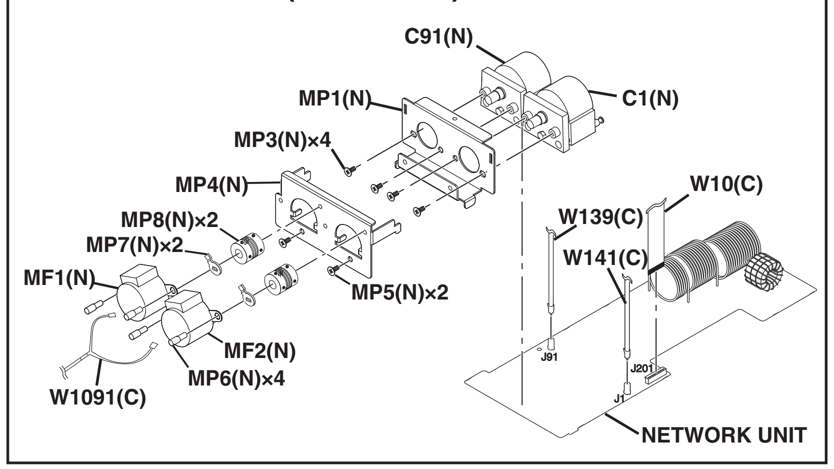






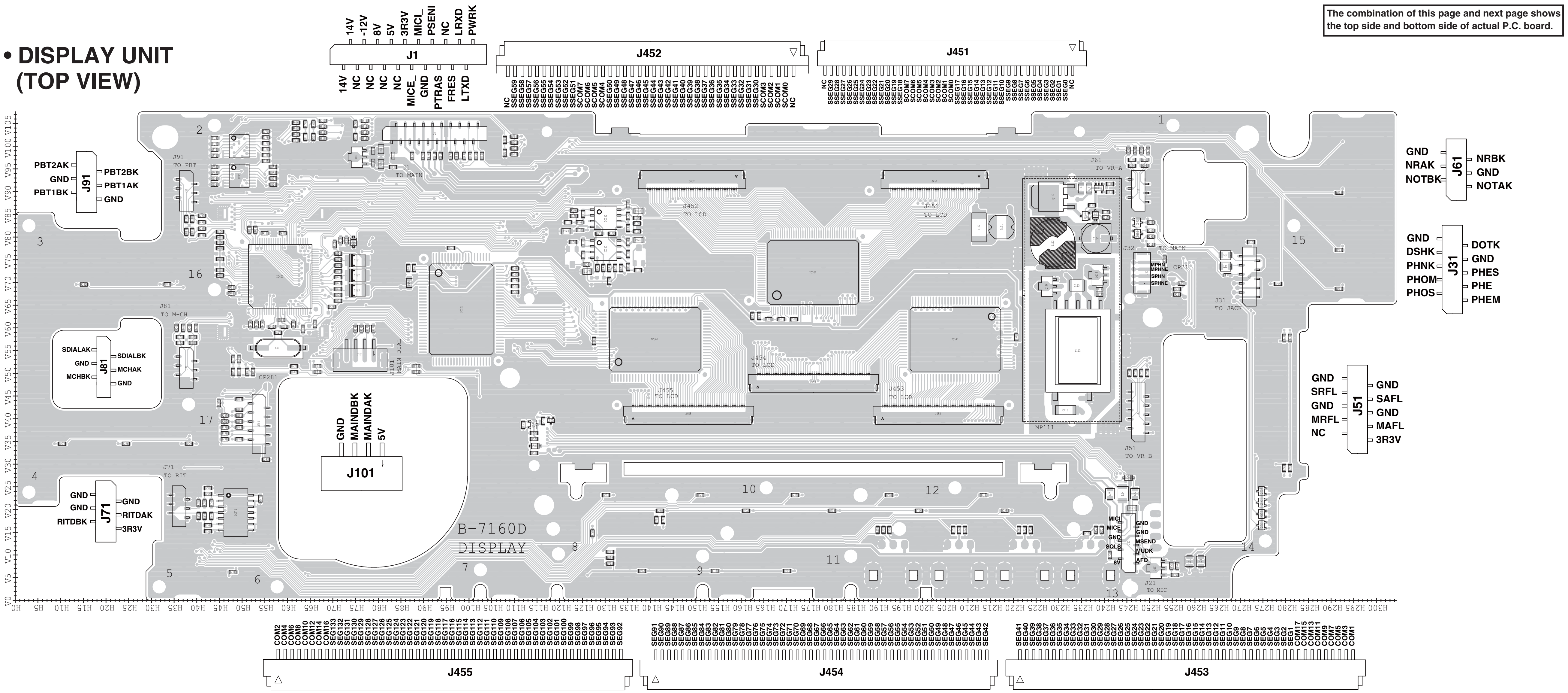
UNIT ABBREVIATIONS
(C)= CHASSIS PARTS
(PL)= PLL UNIT
(PA)= PA-A UNIT
(PB)= PA-B UNIT
(RA)= RF-A UNIT
(RB)= RF-B UNIT
(N)= NETWORK UNIT

*NETWORK UNIT (TOP VIEW)

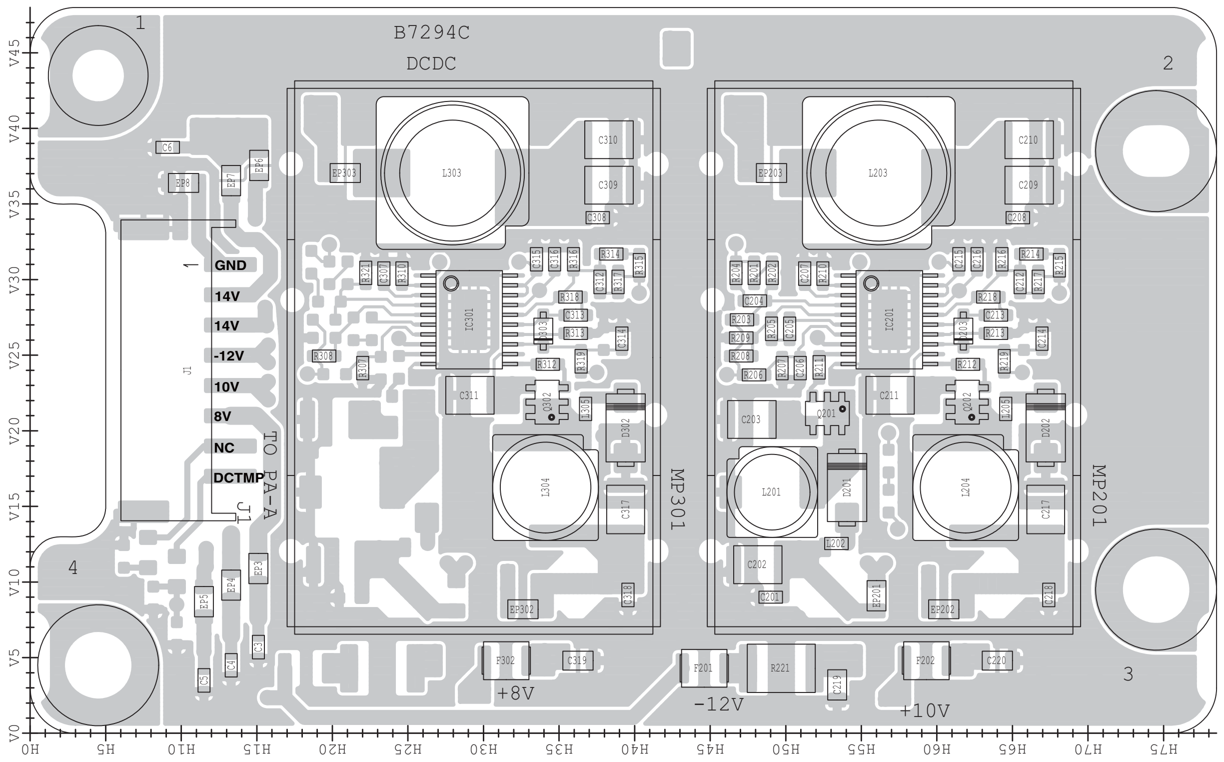


The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• DISPLAY UNIT (TOP VIEW)

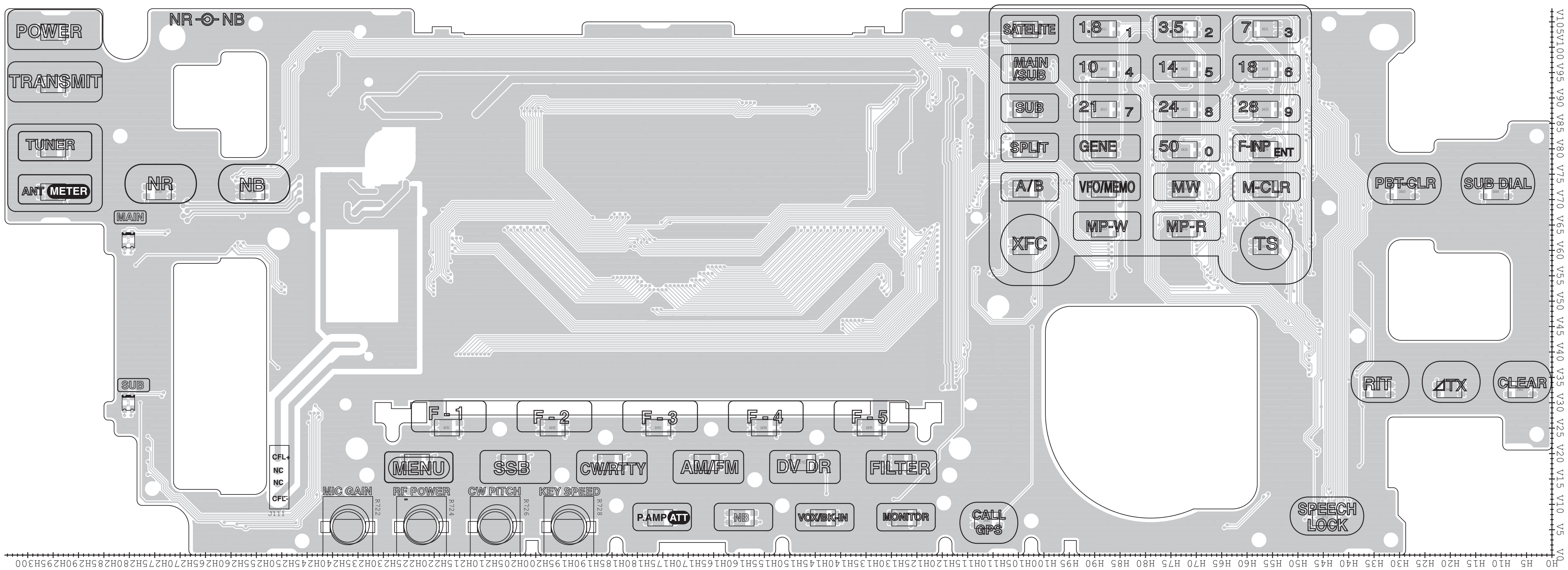


• DC-DC UNIT (TOP VIEW)

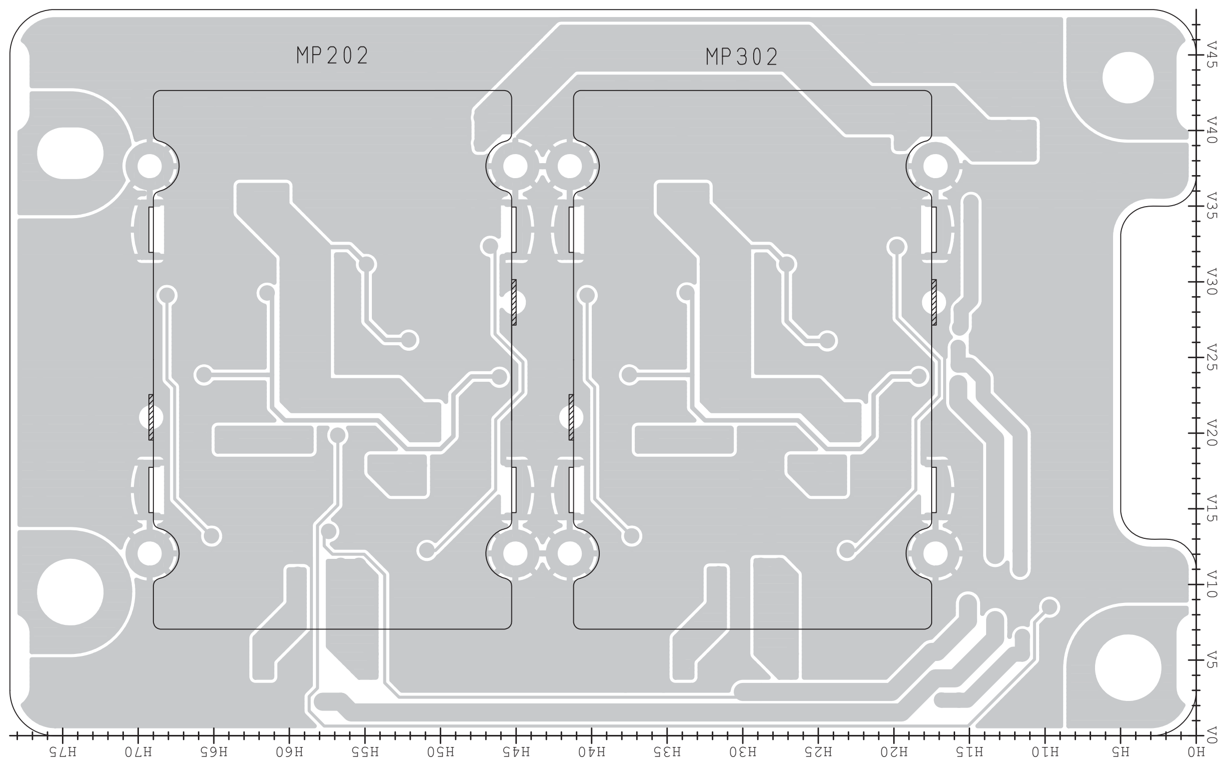


The combination of this page and next page shows the top side and bottom side of actual P.C. board.

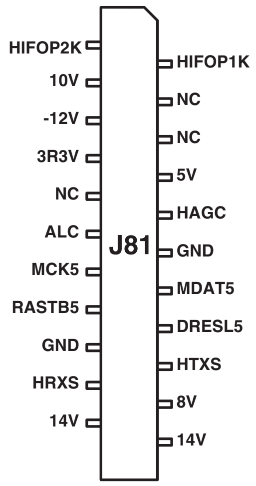
• DISPLAY UNIT (BOTTOM VIEW)

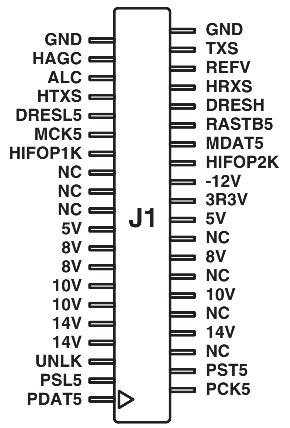


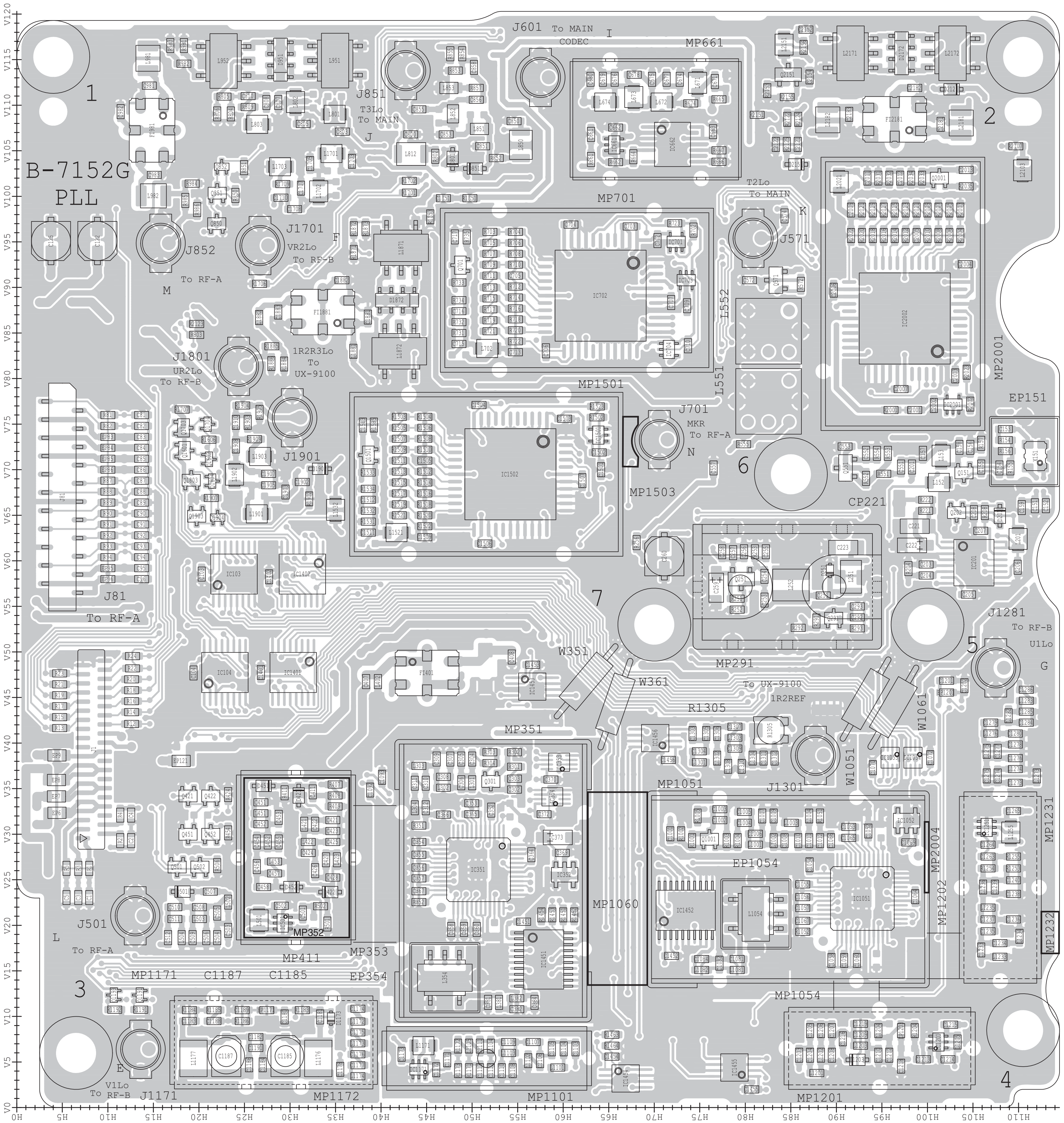
• DC-DC UNIT (BOTTOM VIEW)



• PLL UNIT (TOP VIEW)

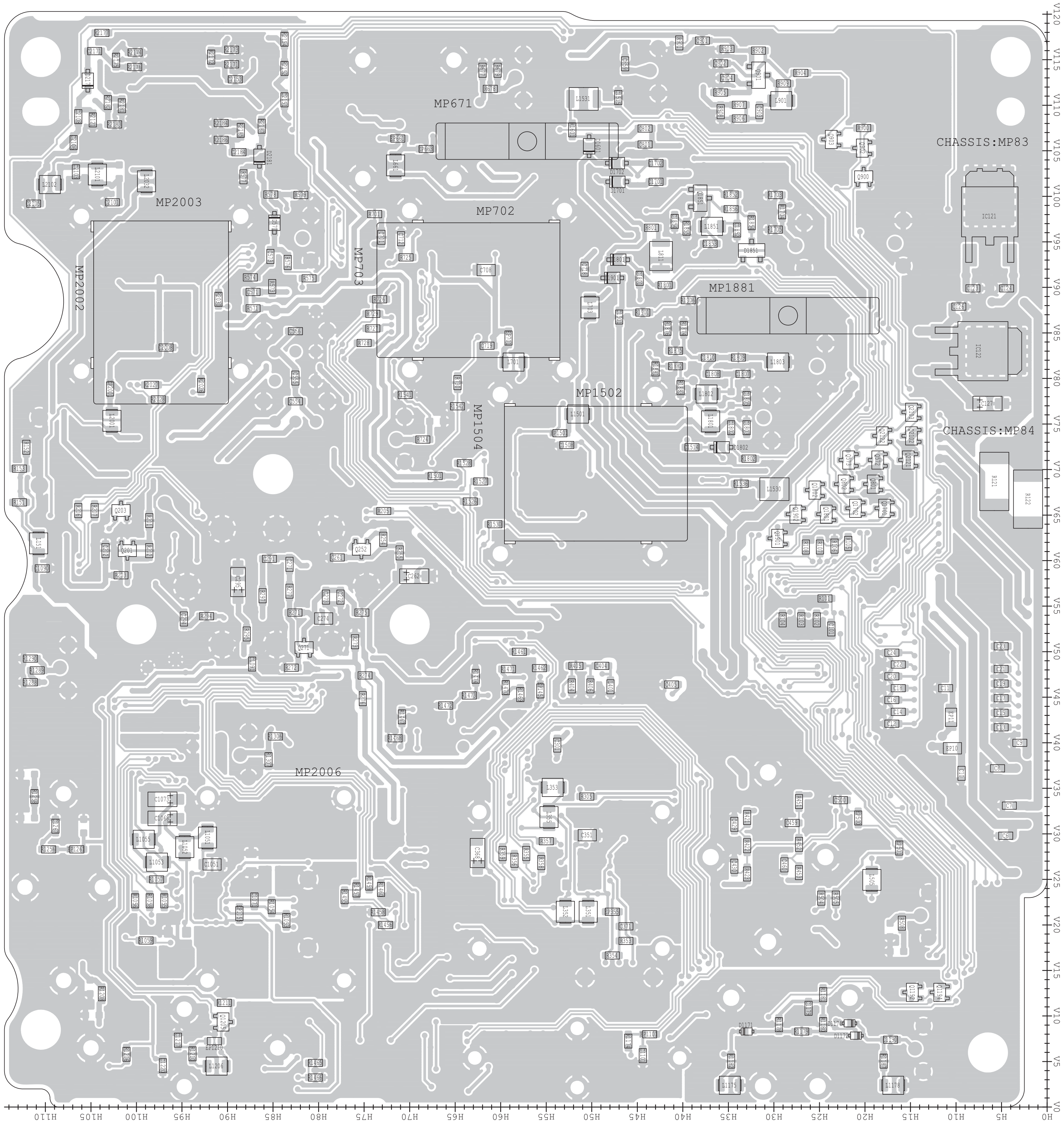






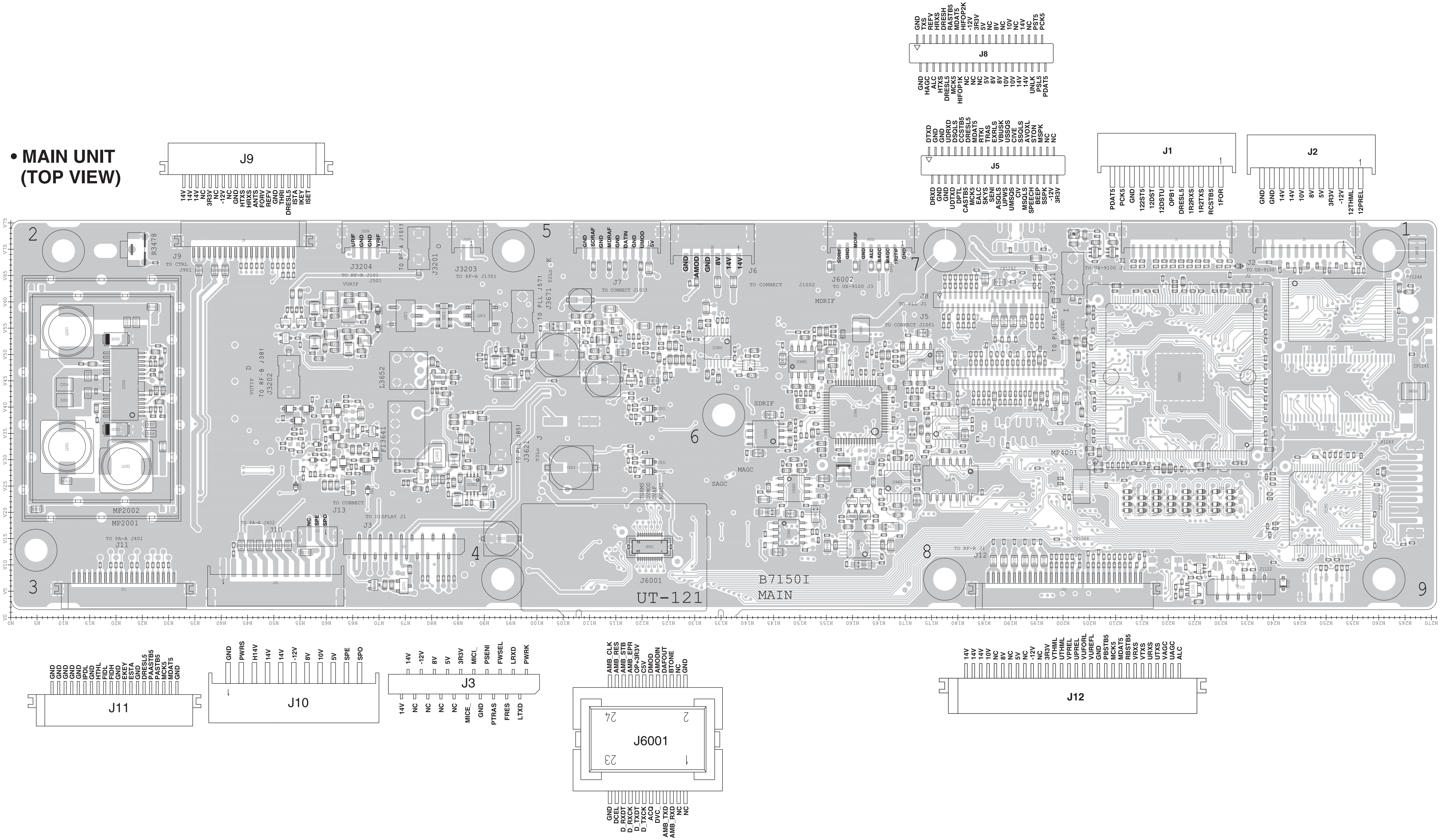
• PLL UNIT (BOTTOM VIEW)

The combination of this page and next page shows the top side and bottom side of actual P.C. board.



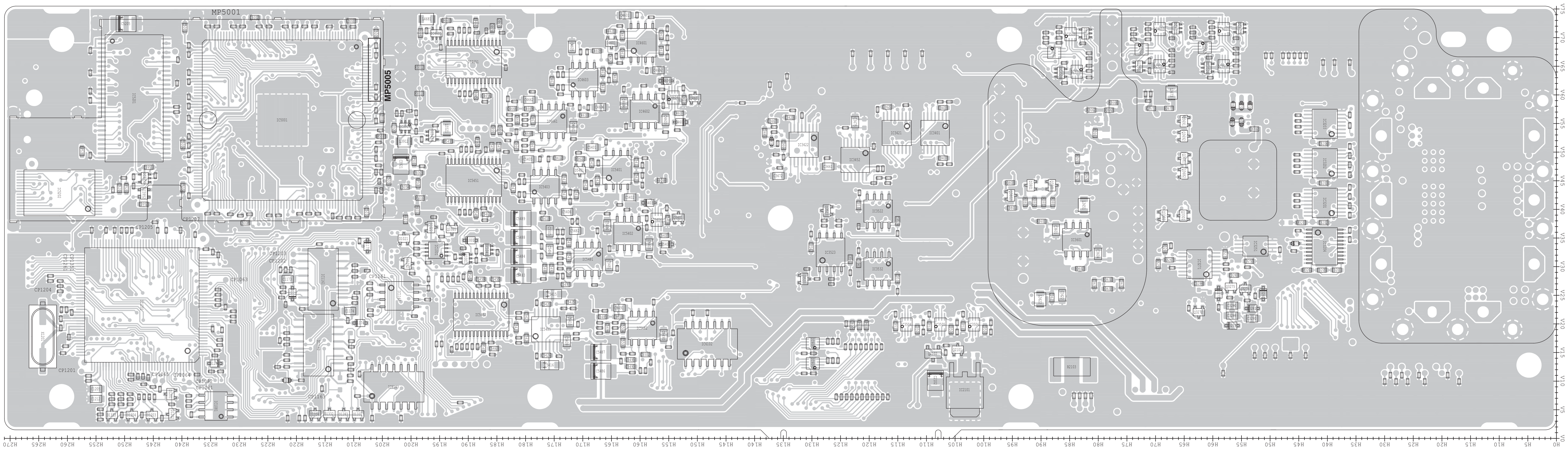
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• MAIN UNIT (TOP VIEW)



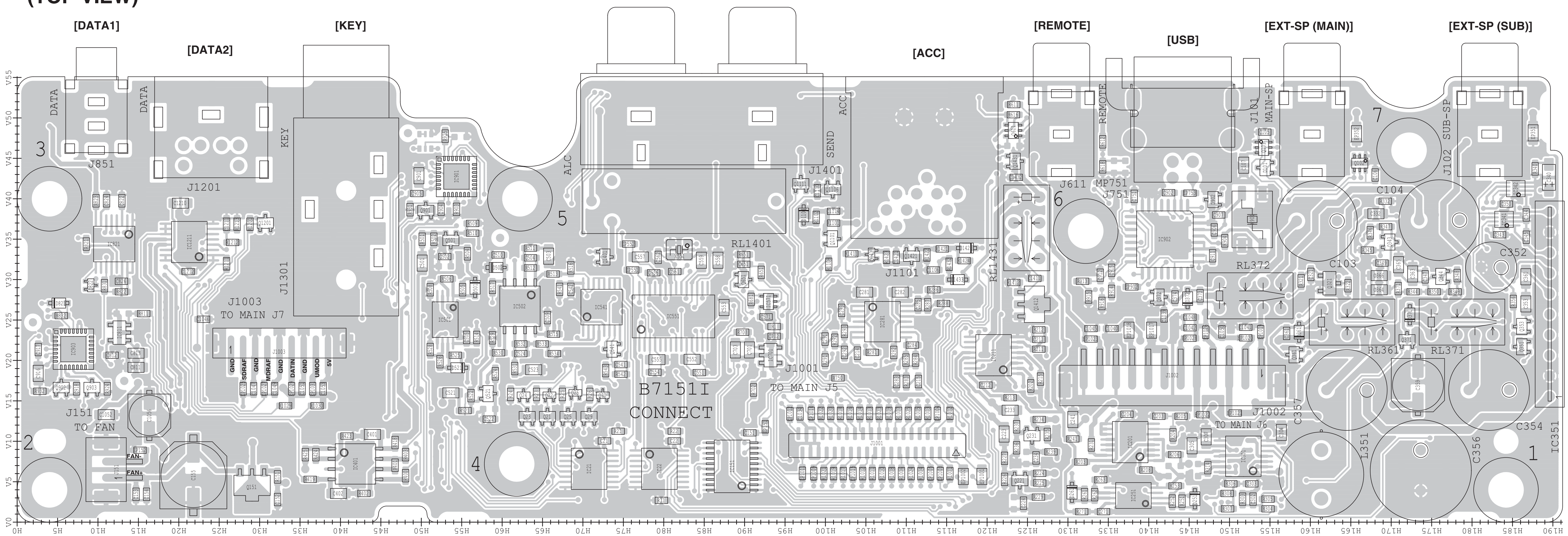
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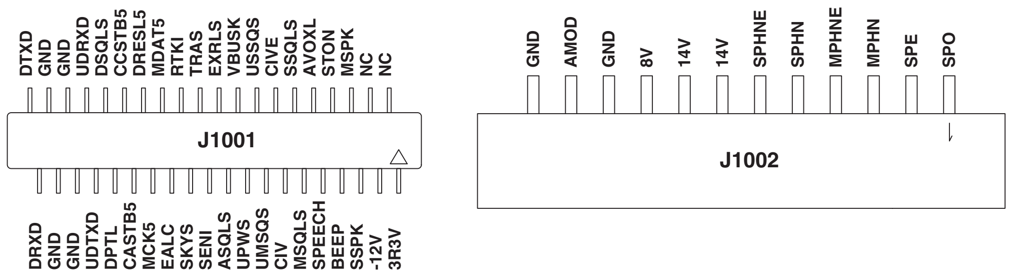
• MAIN UNIT (BOTTOM VIEW)



The combination of this page and next page shows the top side and bottom side of actual P.C. board.

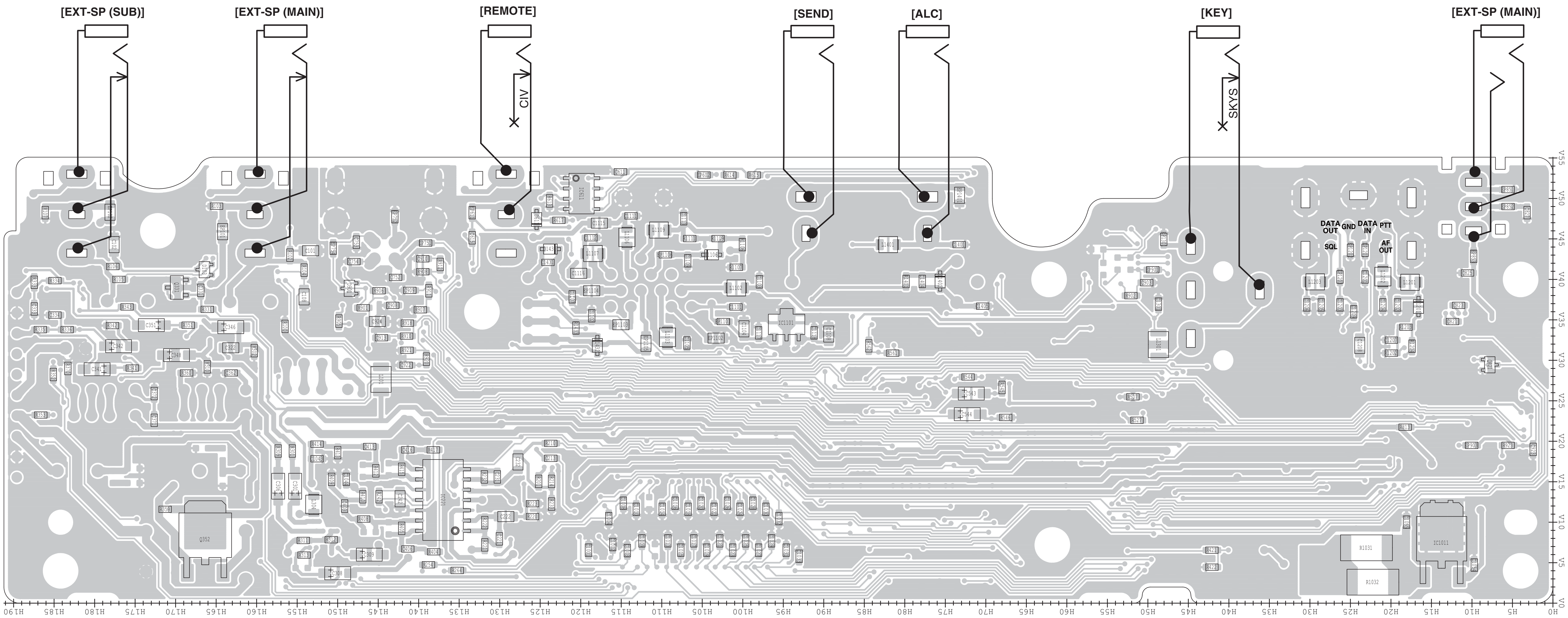
• CONNECT UNIT (TOP VIEW)





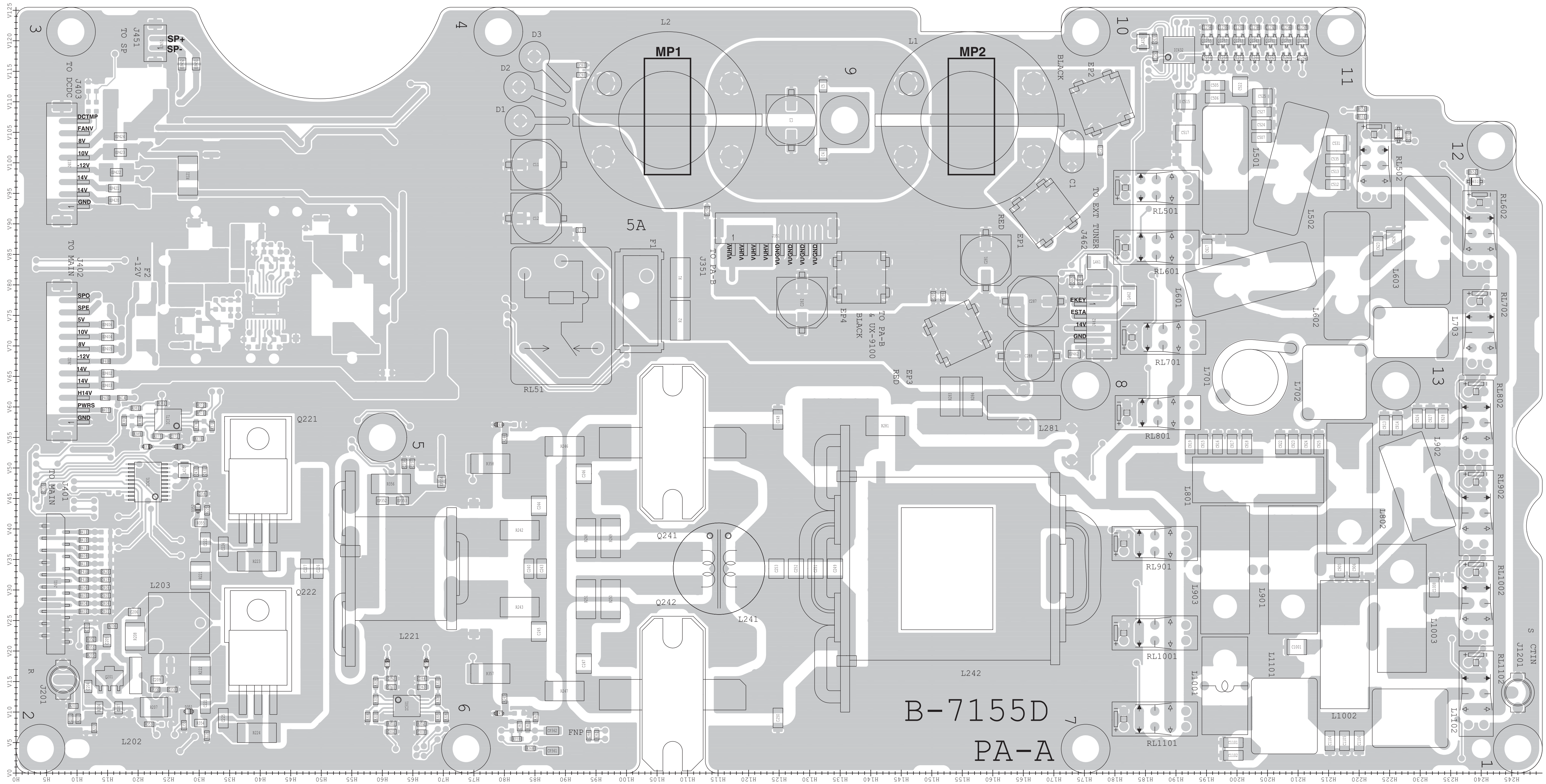
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

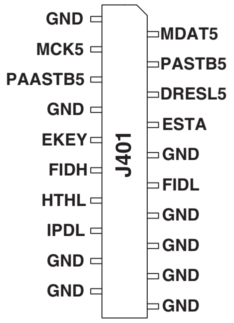
• CONNECT UNIT (BOTTOM VIEW)



The combination of this page and next page shows the top side and bottom side of actual P.C. board.

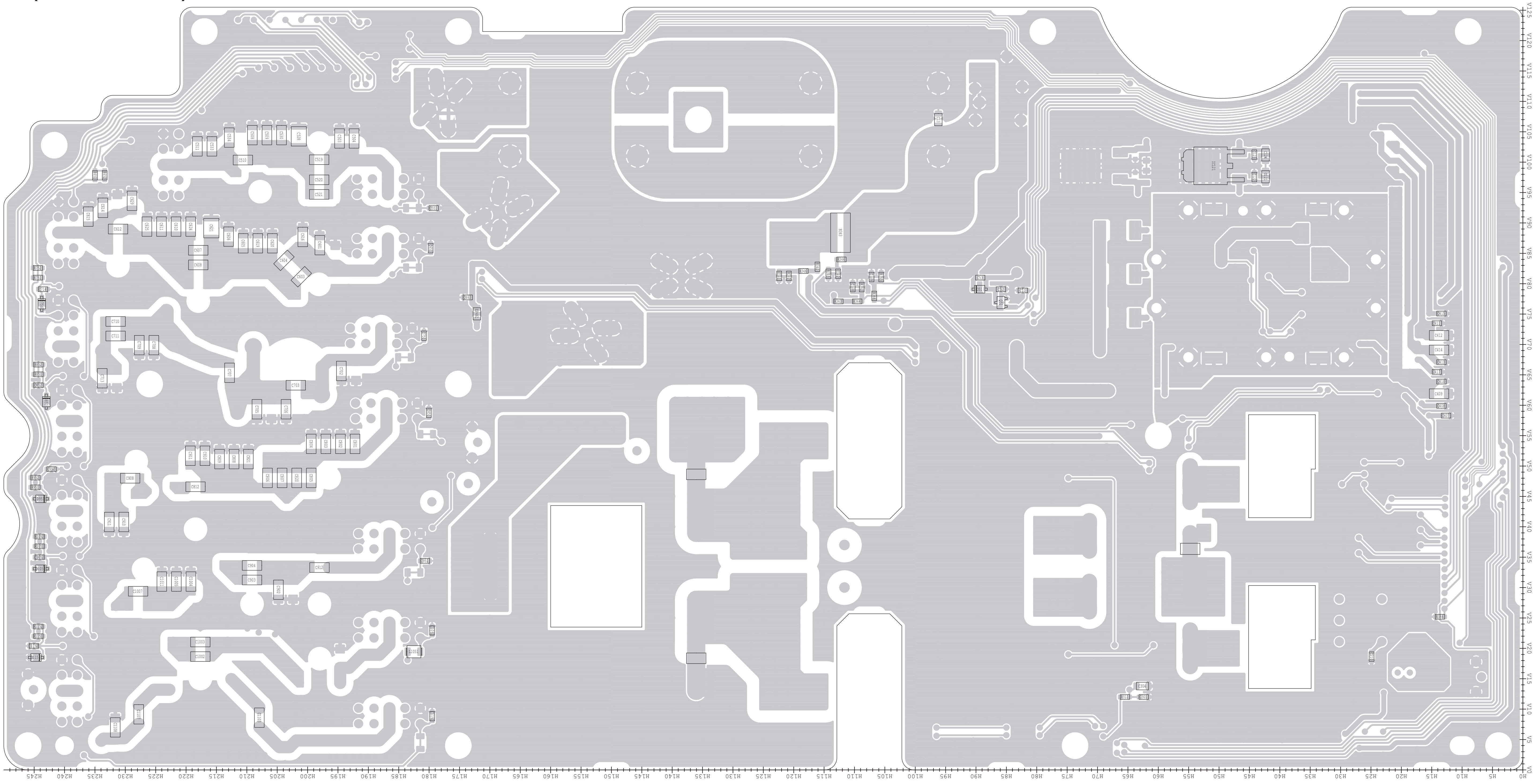
• PA-A UNIT (TOP VIEW)





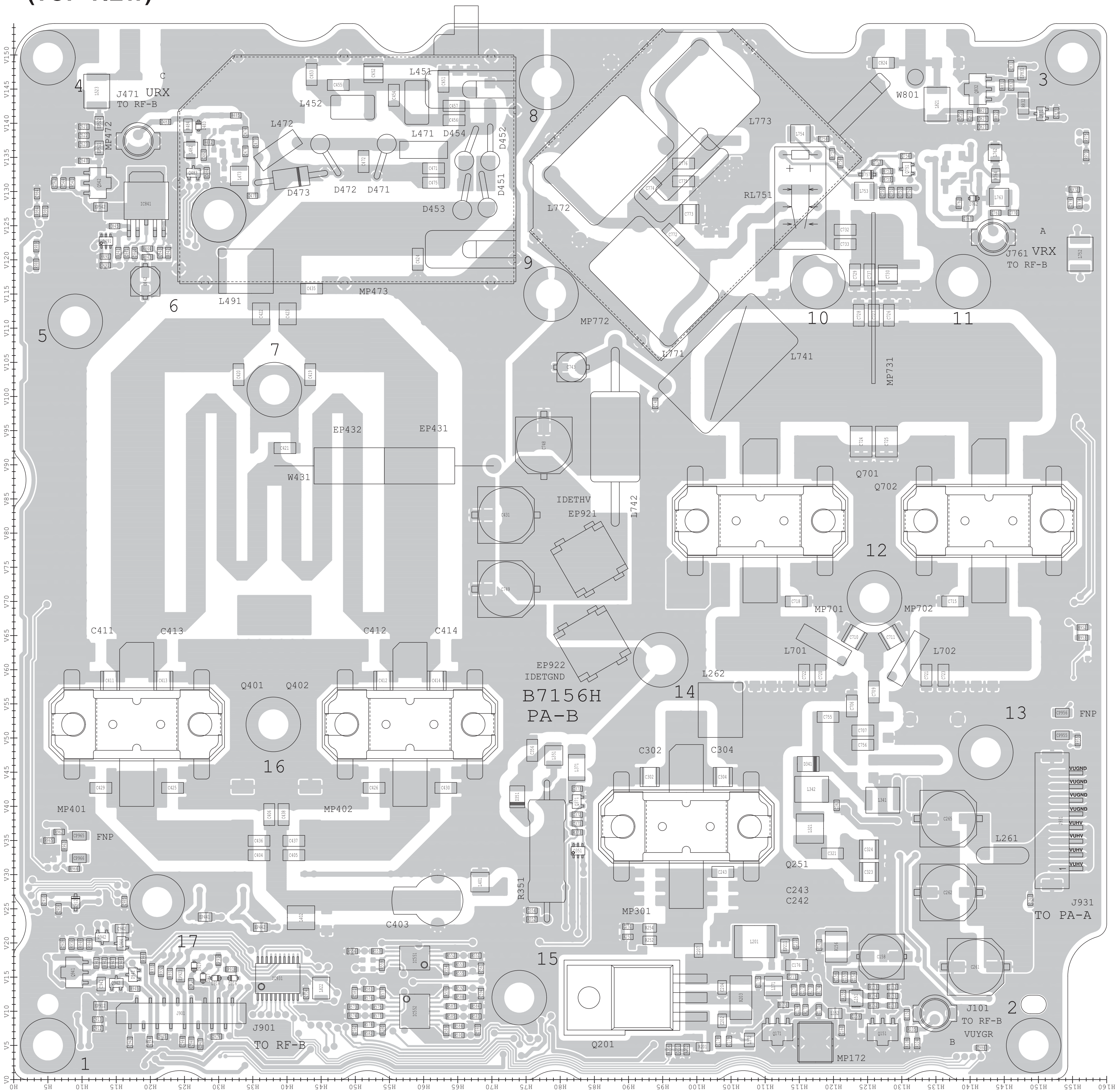
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

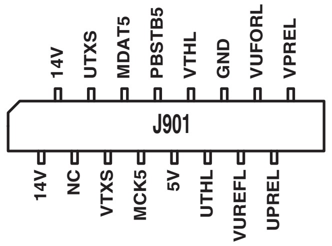
• PA-A UNIT (BOTTOM VIEW)



• PA-B UNIT (TOP VIEW)

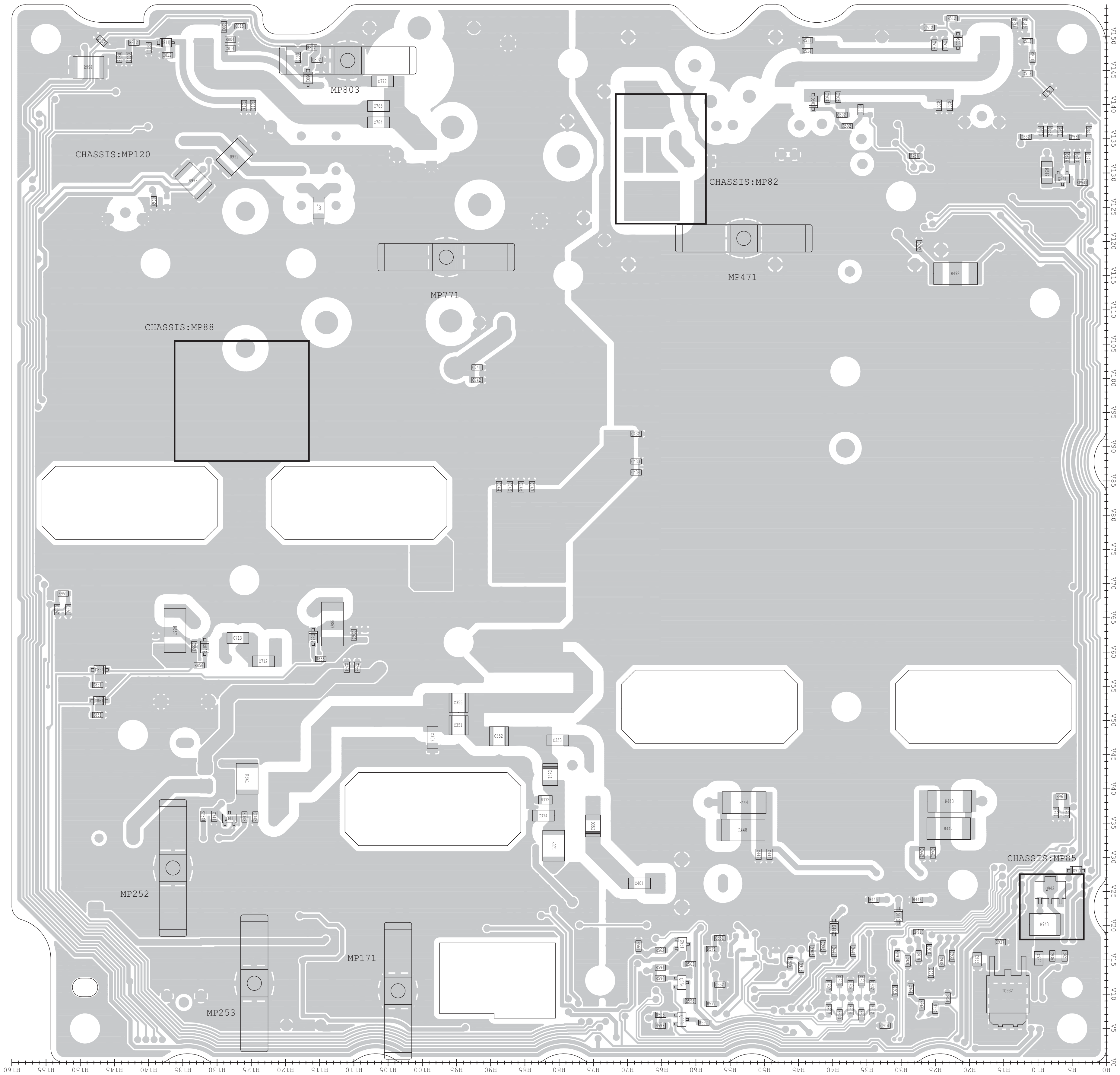
The combination of this page and next page shows the top side and bottom side of actual P.C. board.





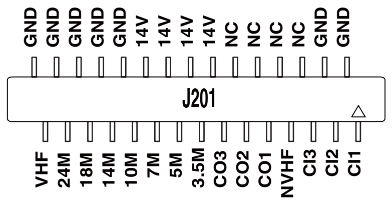
• PA-B UNIT (BOTTOM VIEW)

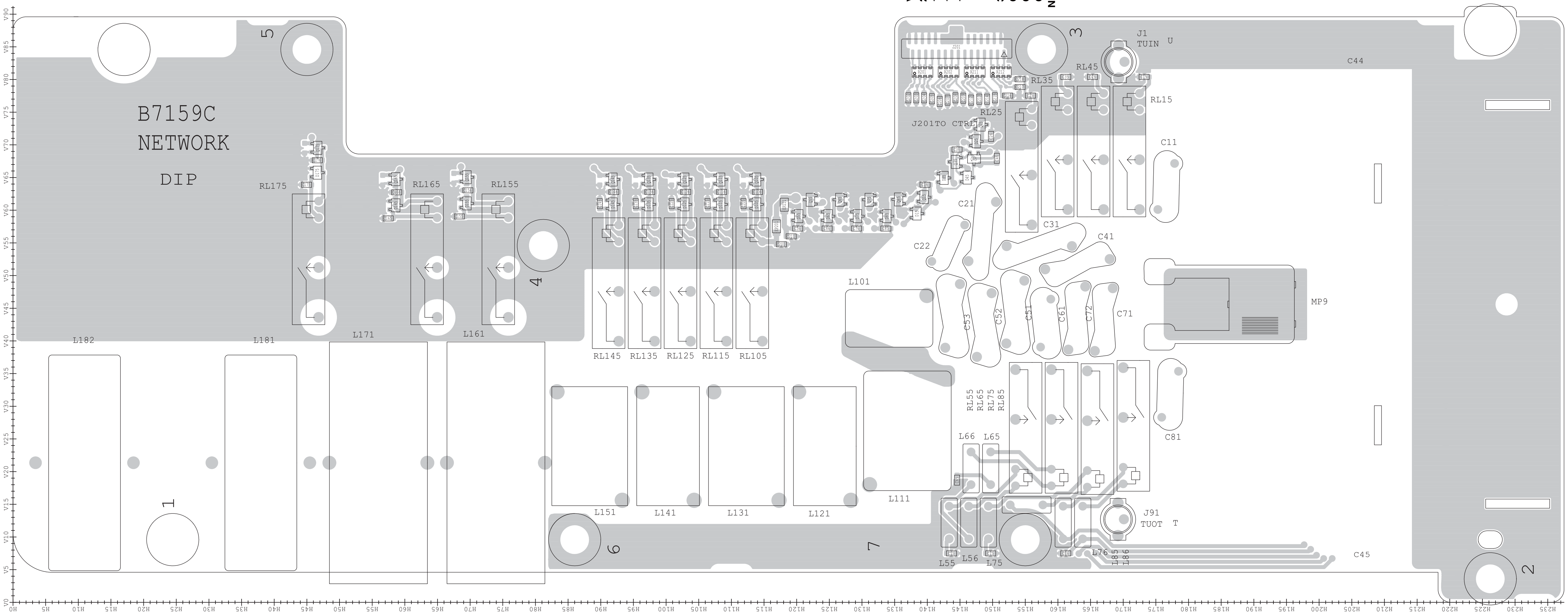
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The combination of this page and next page shows the top side and bottom side of actual P.C. board.

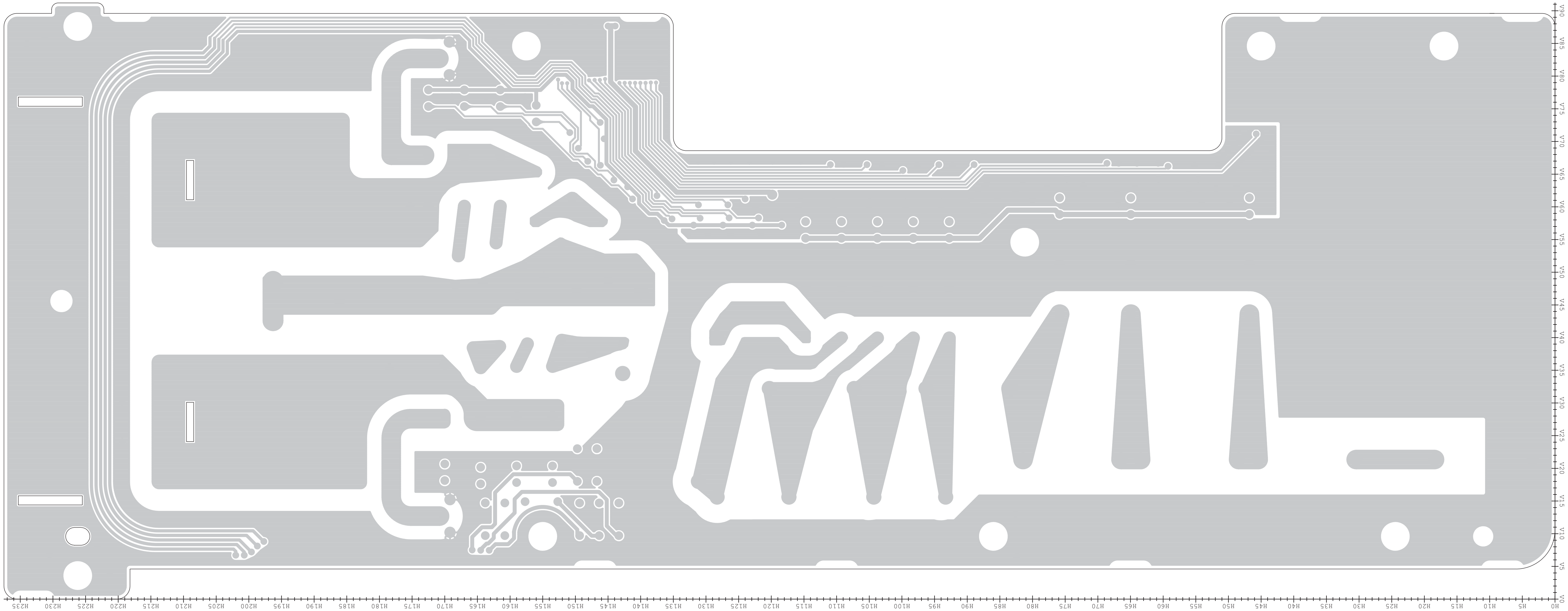
• NETWORK UNIT (TOP VIEW)





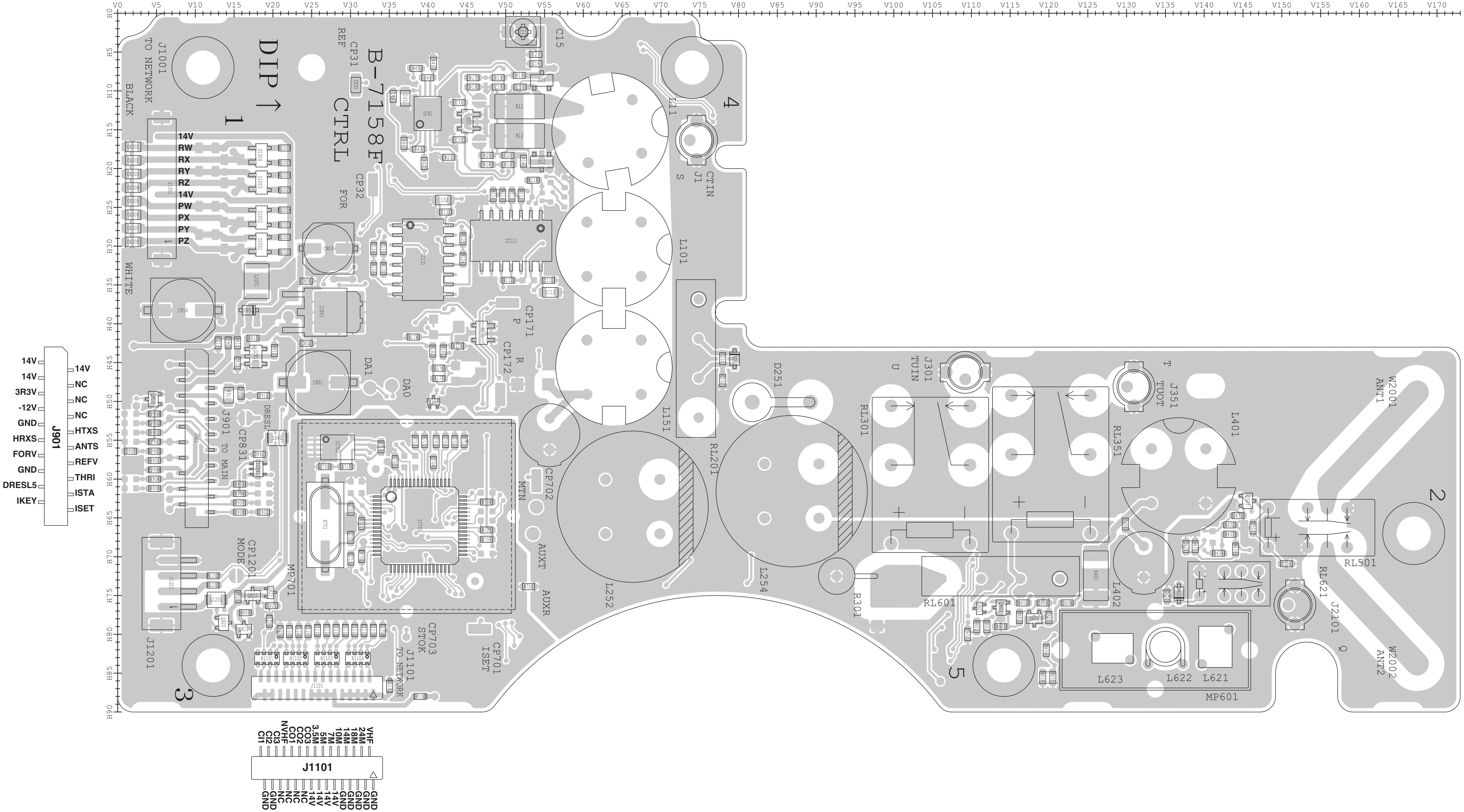
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• NETWORK UNIT (BOTTOM VIEW)



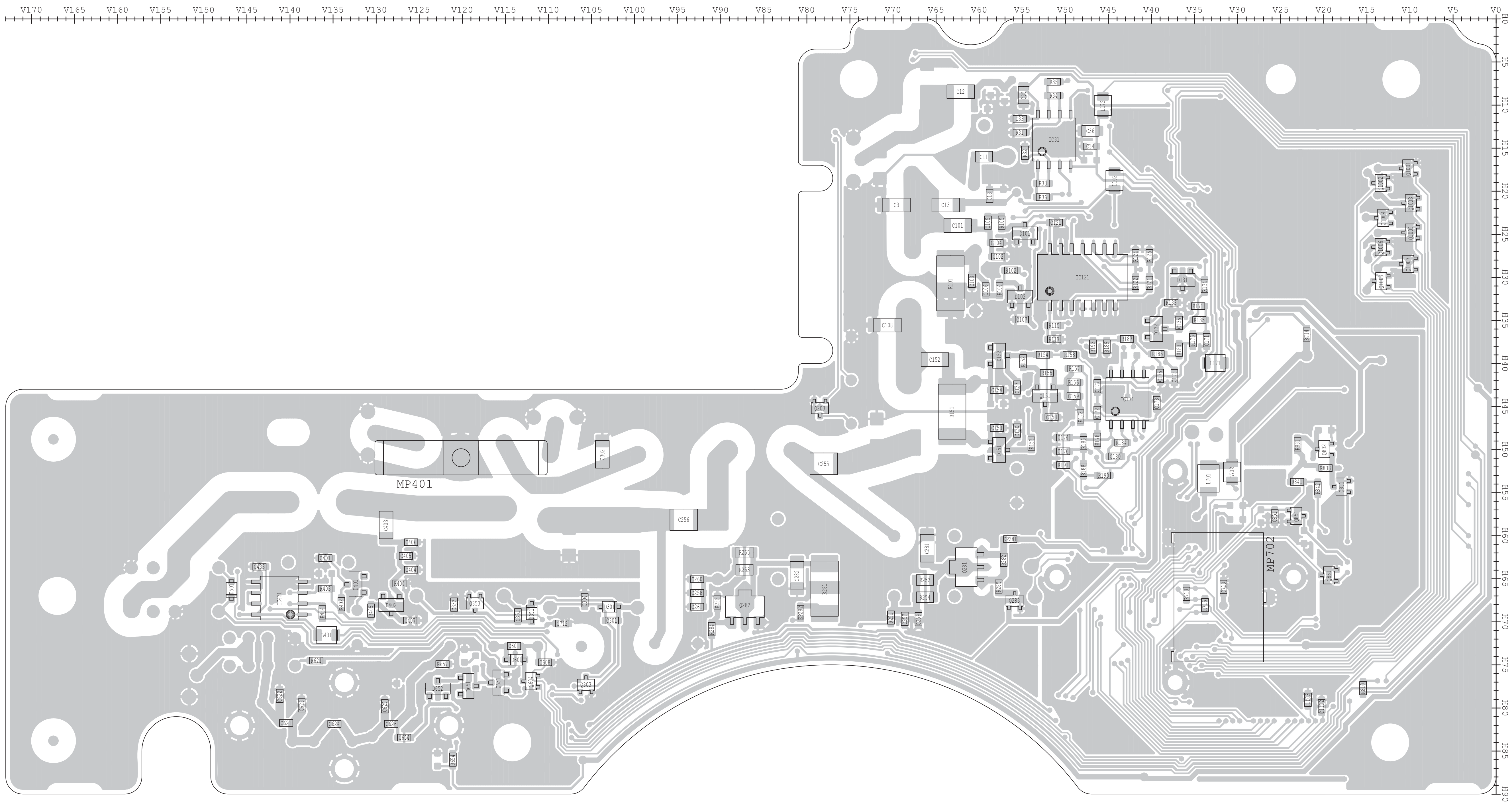
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• CTRL UNIT (TOP VIEW)



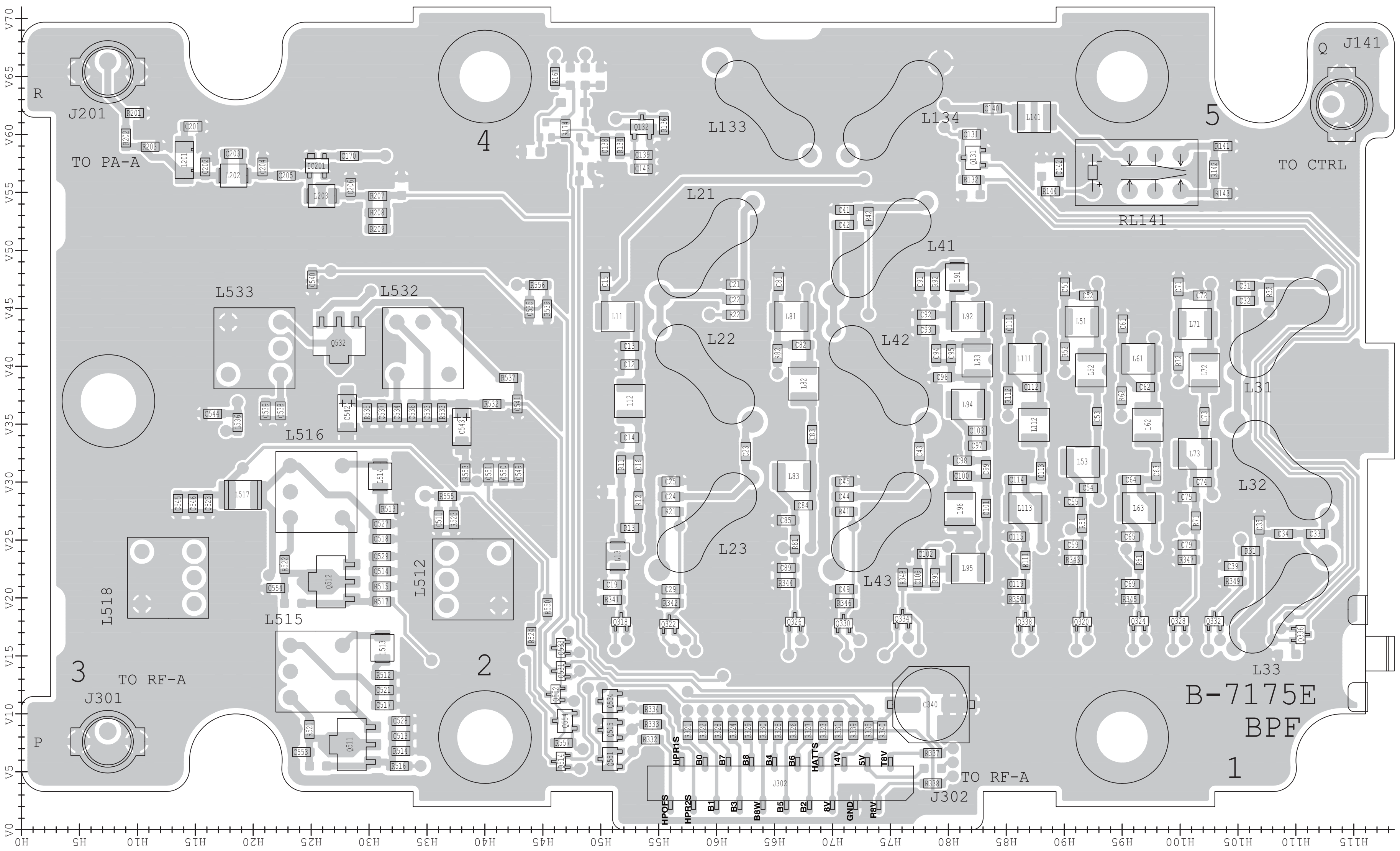
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• CTRL UNIT (BOTTOM VIEW)

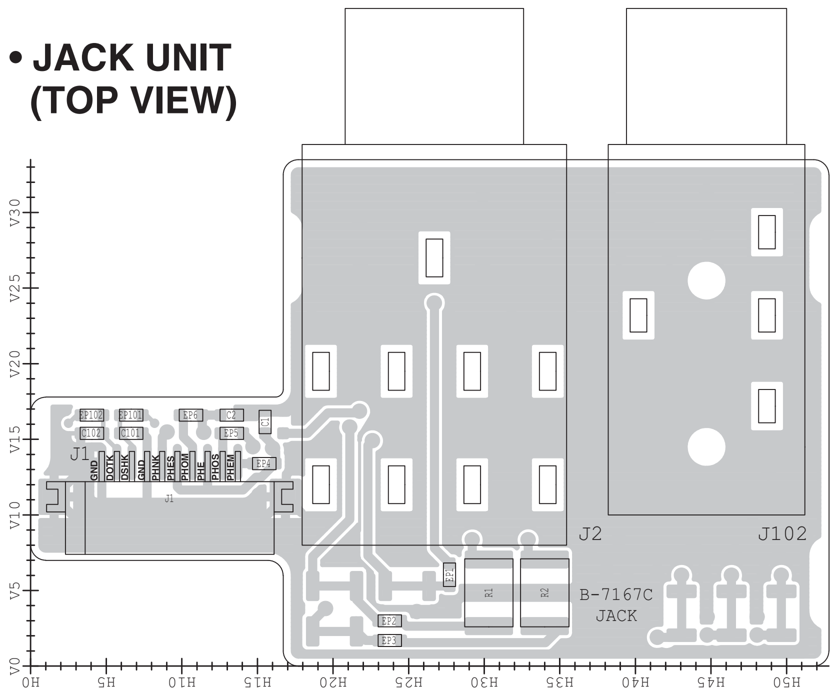


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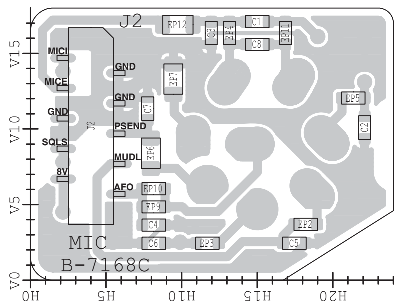
• BPF UNIT (TOP VIEW)



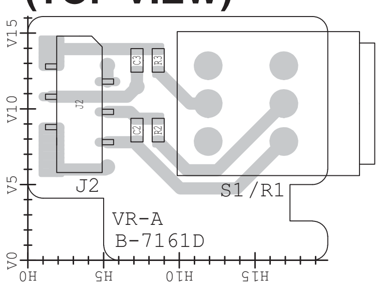
• JACK UNIT (TOP VIEW)



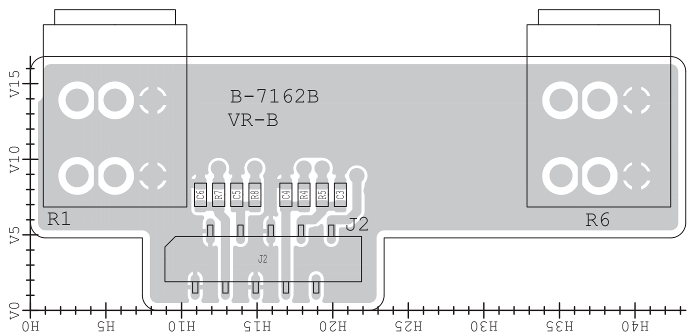
• MIC UNIT (TOP VIEW)



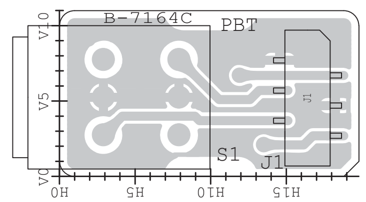
• VR-A UNIT (TOP VIEW)



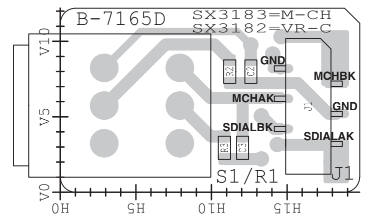
• VR-B UNIT (TOP VIEW)



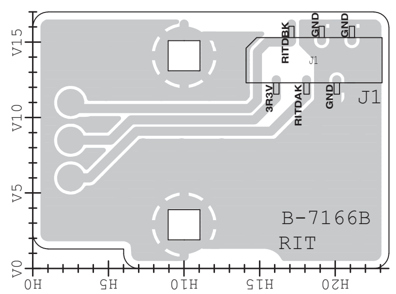
• PBT UNIT (TOP VIEW)



• M-CH UNIT (TOP VIEW)

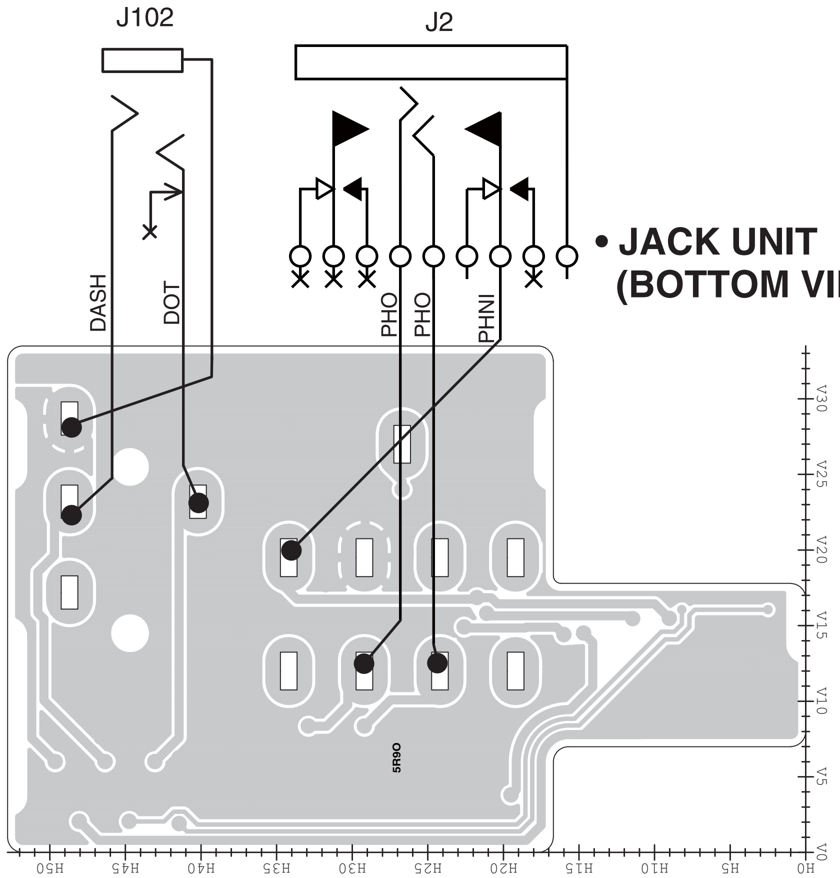


• RIT UNIT (TOP VIEW)

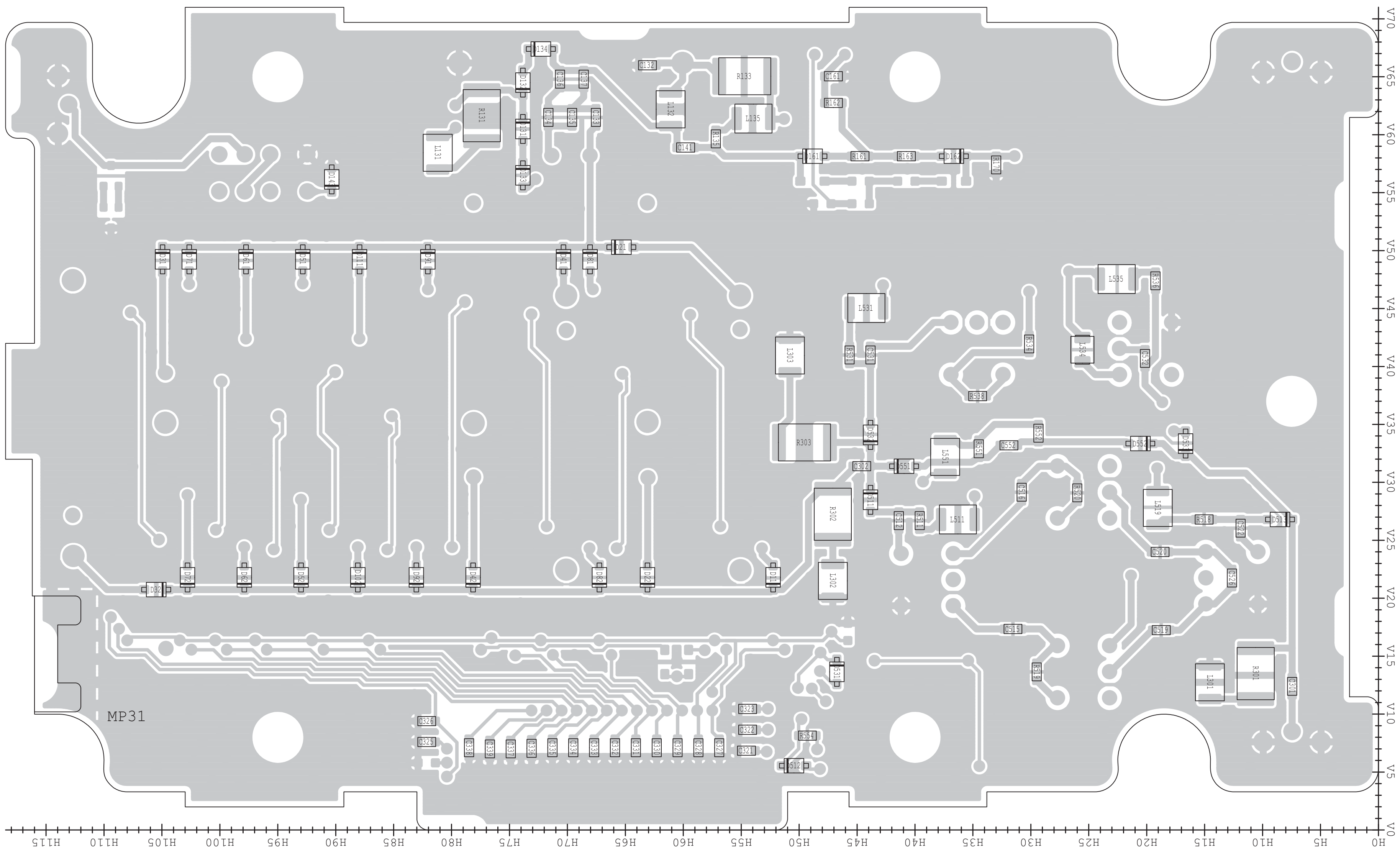


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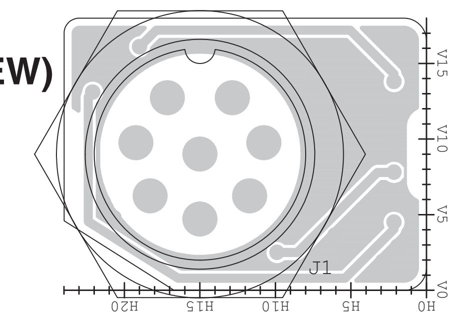
• JACK UNIT (BOTTOM VIEW)



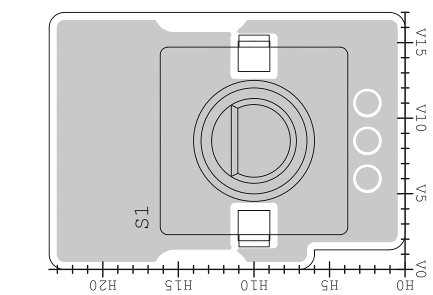
• BPF UNIT (BOTTOM VIEW)



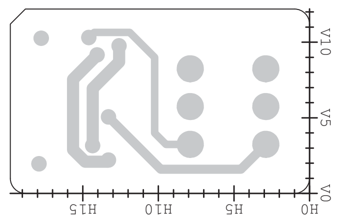
• MIC UNIT (BOTTOM VIEW)



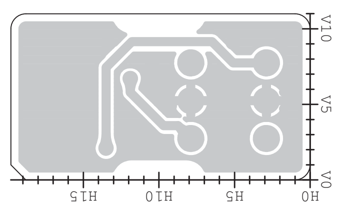
• RIT UNIT (BOTTOM VIEW)



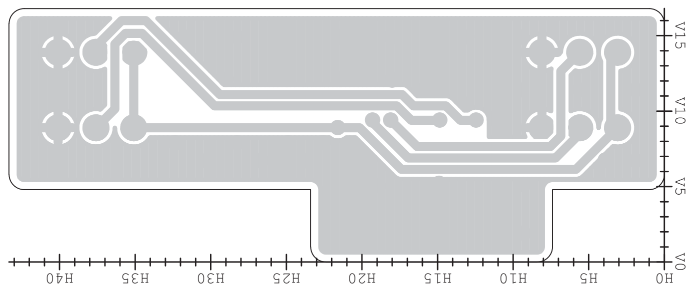
• M-CH UNIT (BOTTOM VIEW)



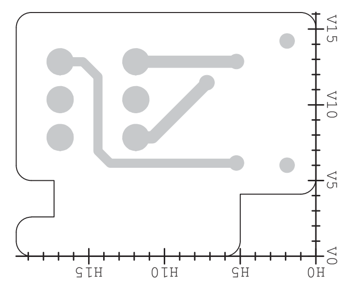
• PBT UNIT (BOTTOM VIEW)



• VR-B UNIT (BOTTOM VIEW)

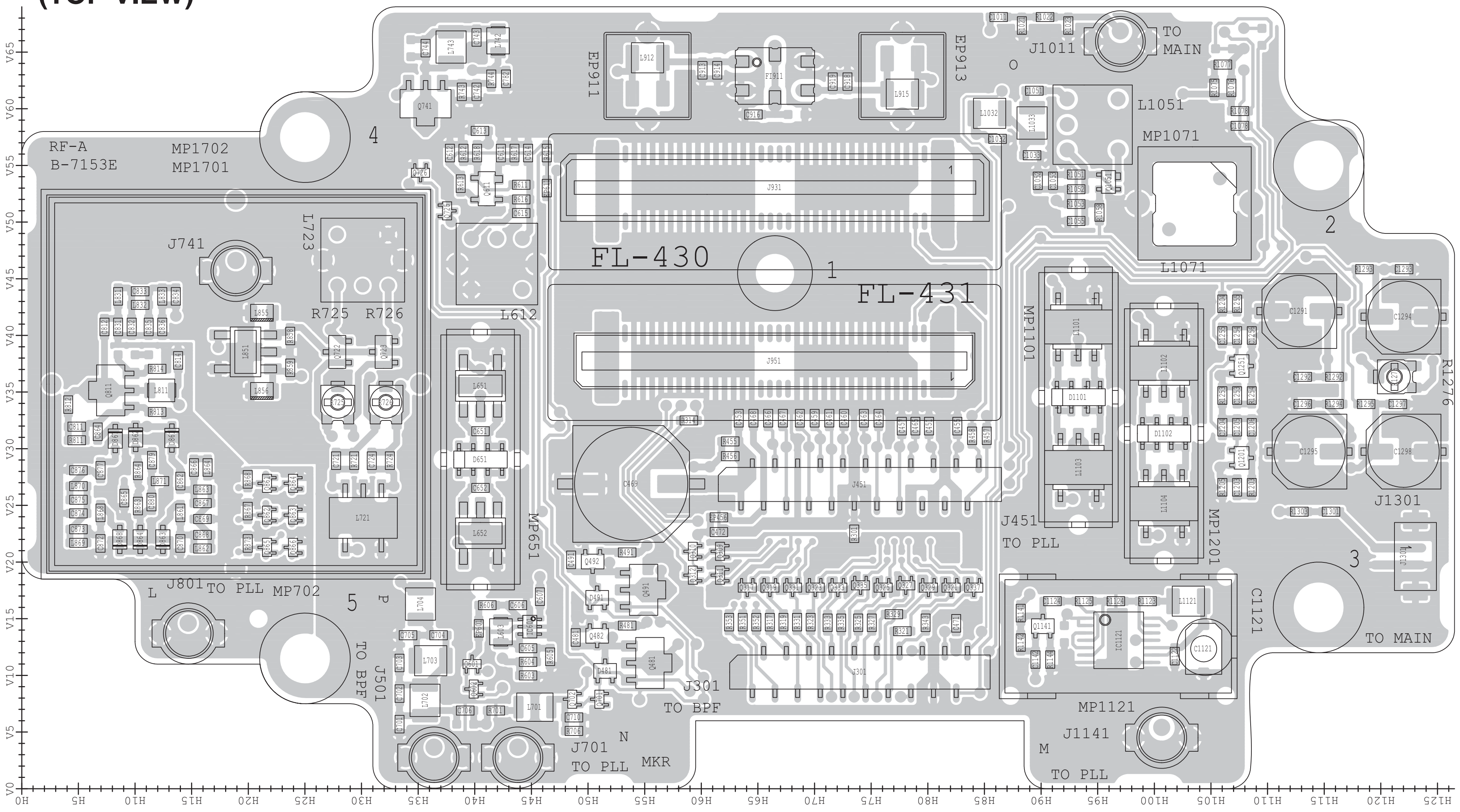


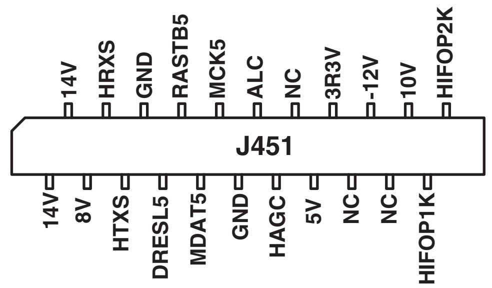
• VR-A UNIT (BOTTOM VIEW)

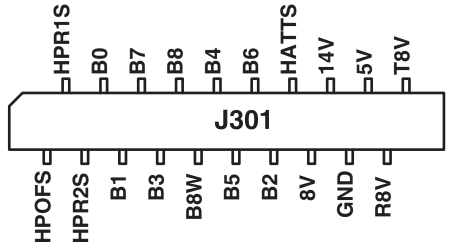


The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• RF-A UNIT (TOP VIEW)

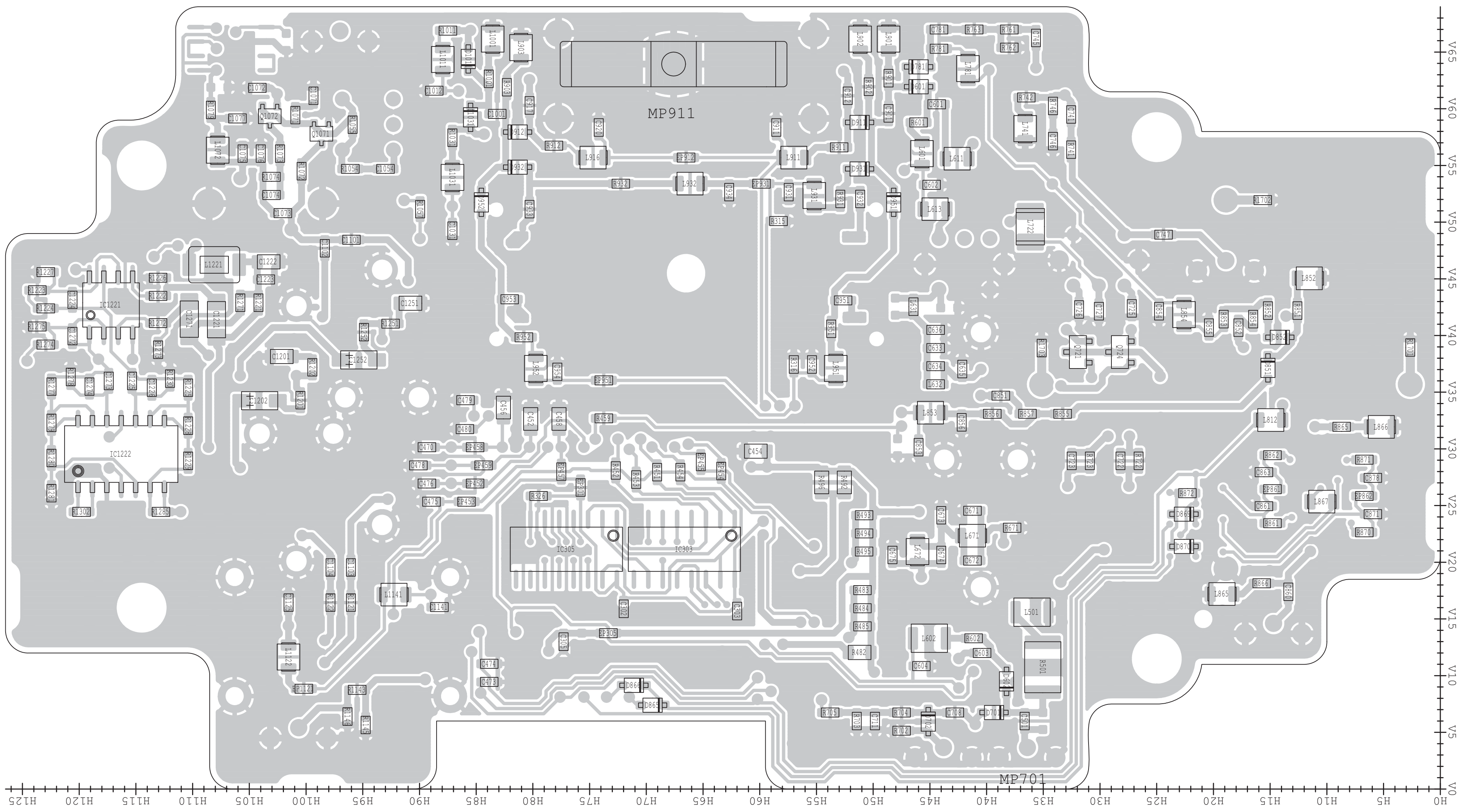






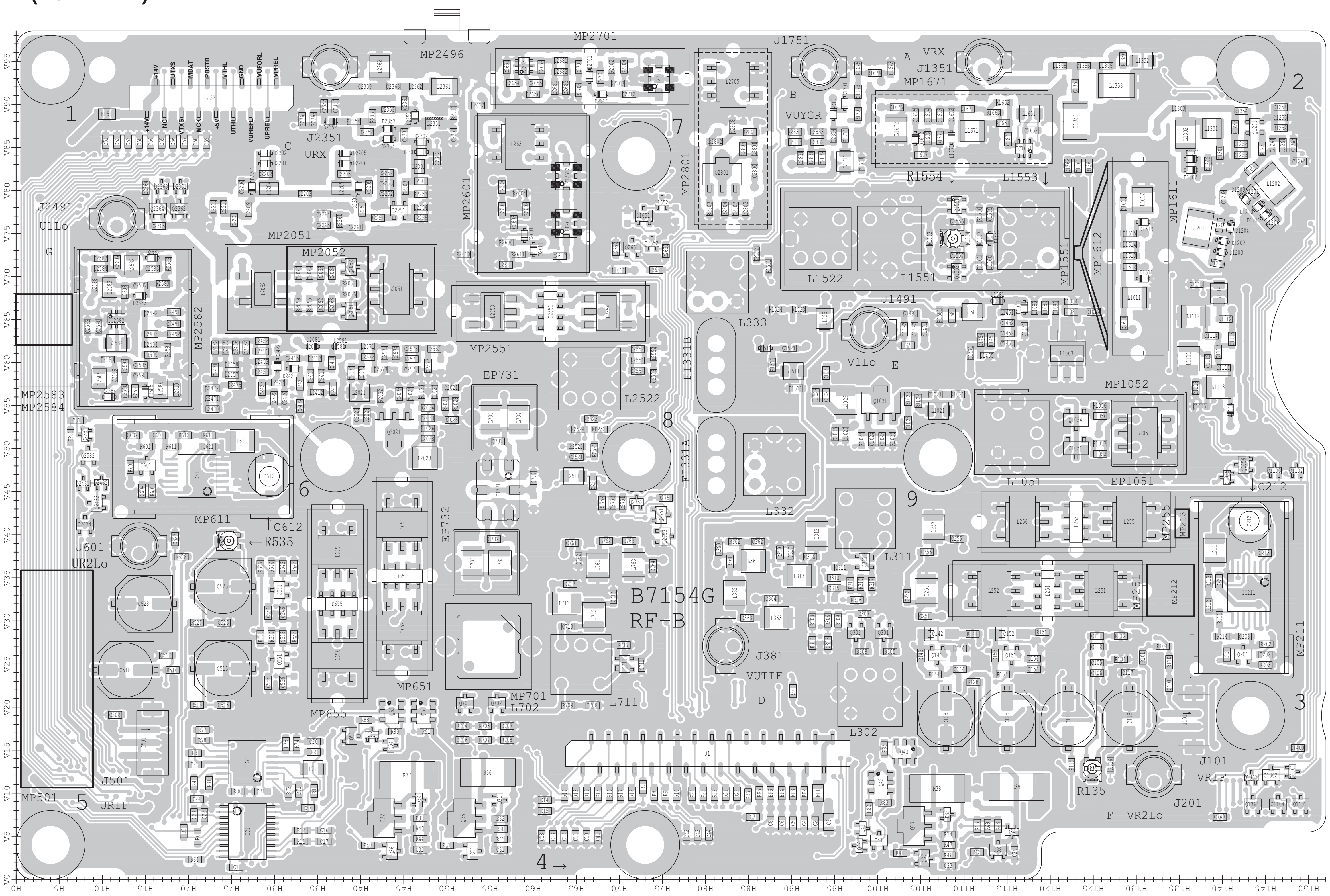
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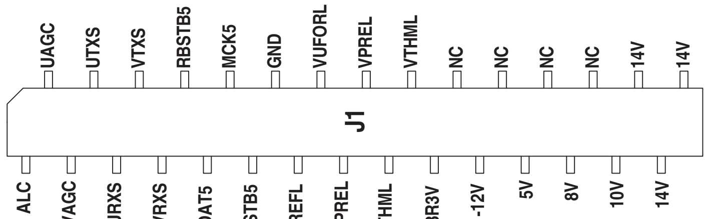
• RF-A UNIT (BOTTOM VIEW)



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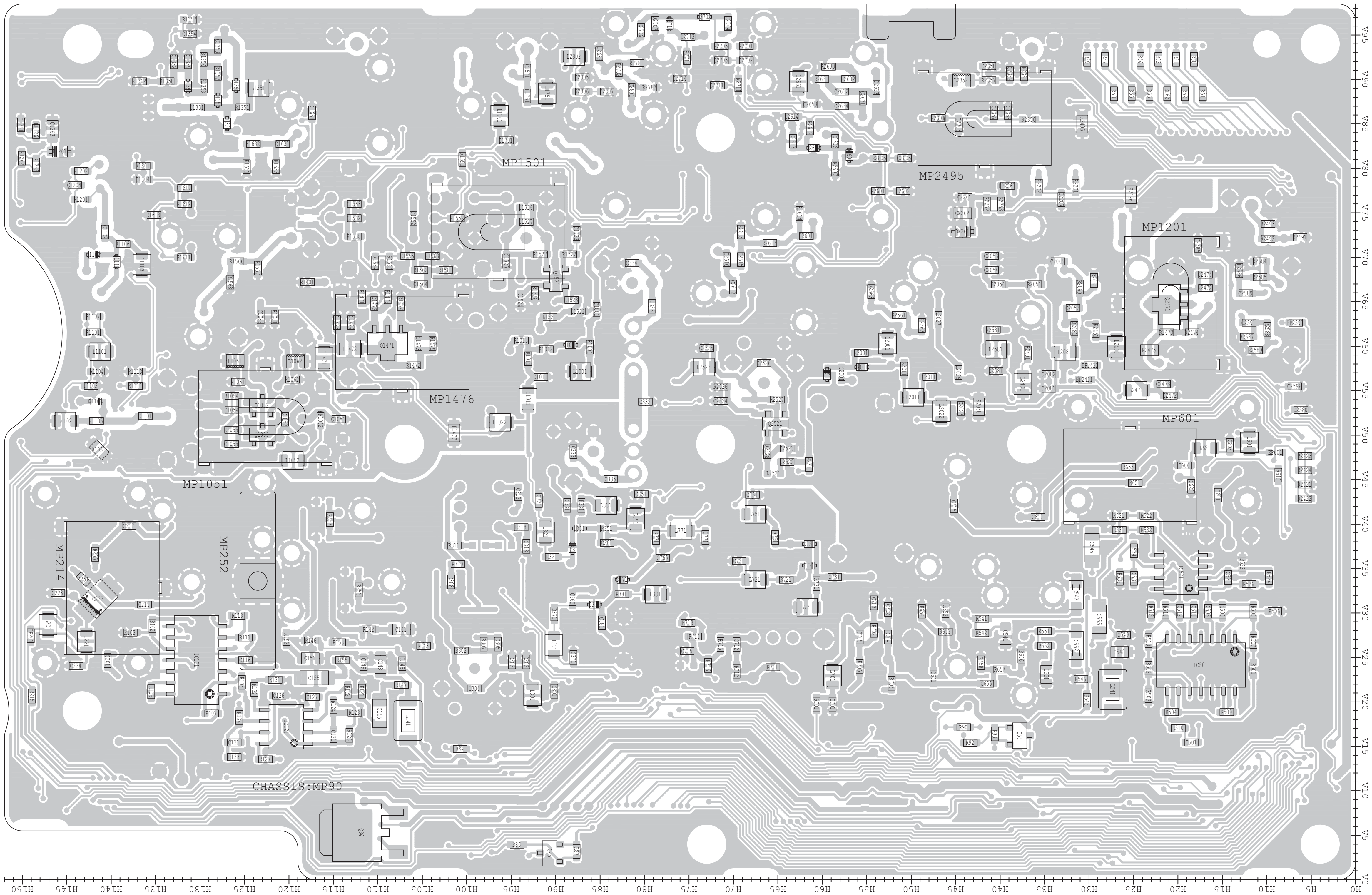
• RF-B UNIT (TOP VIEW)

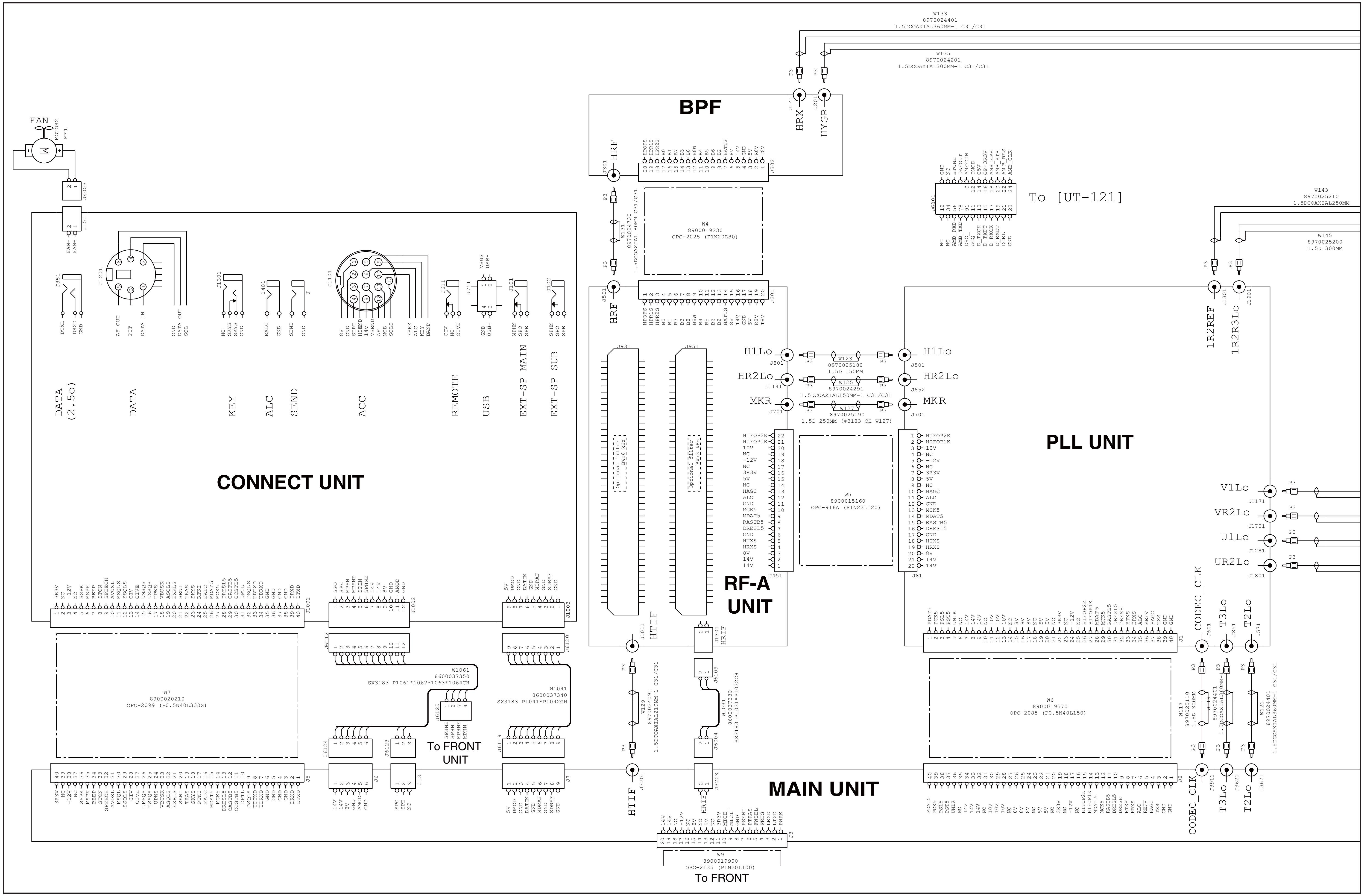


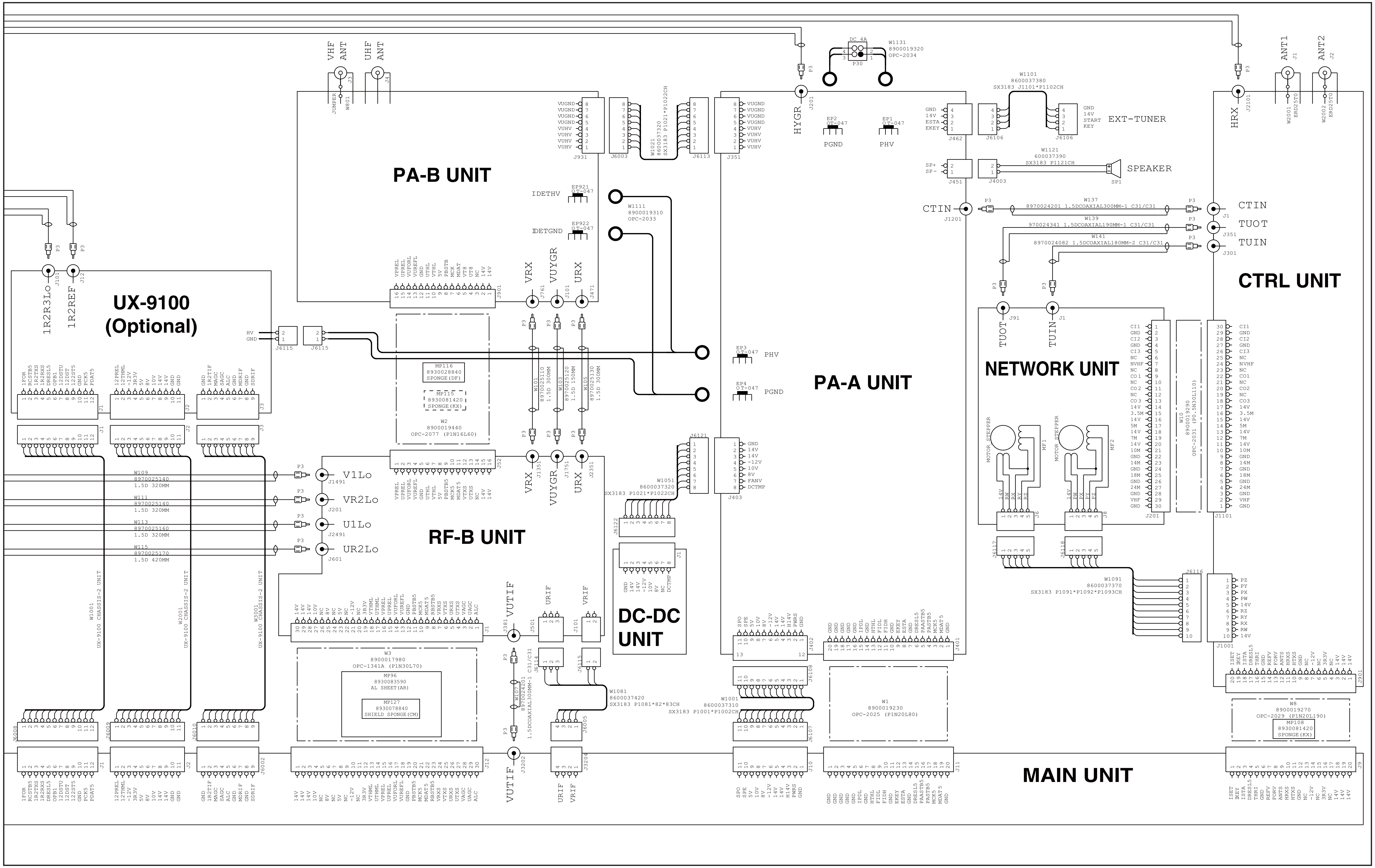


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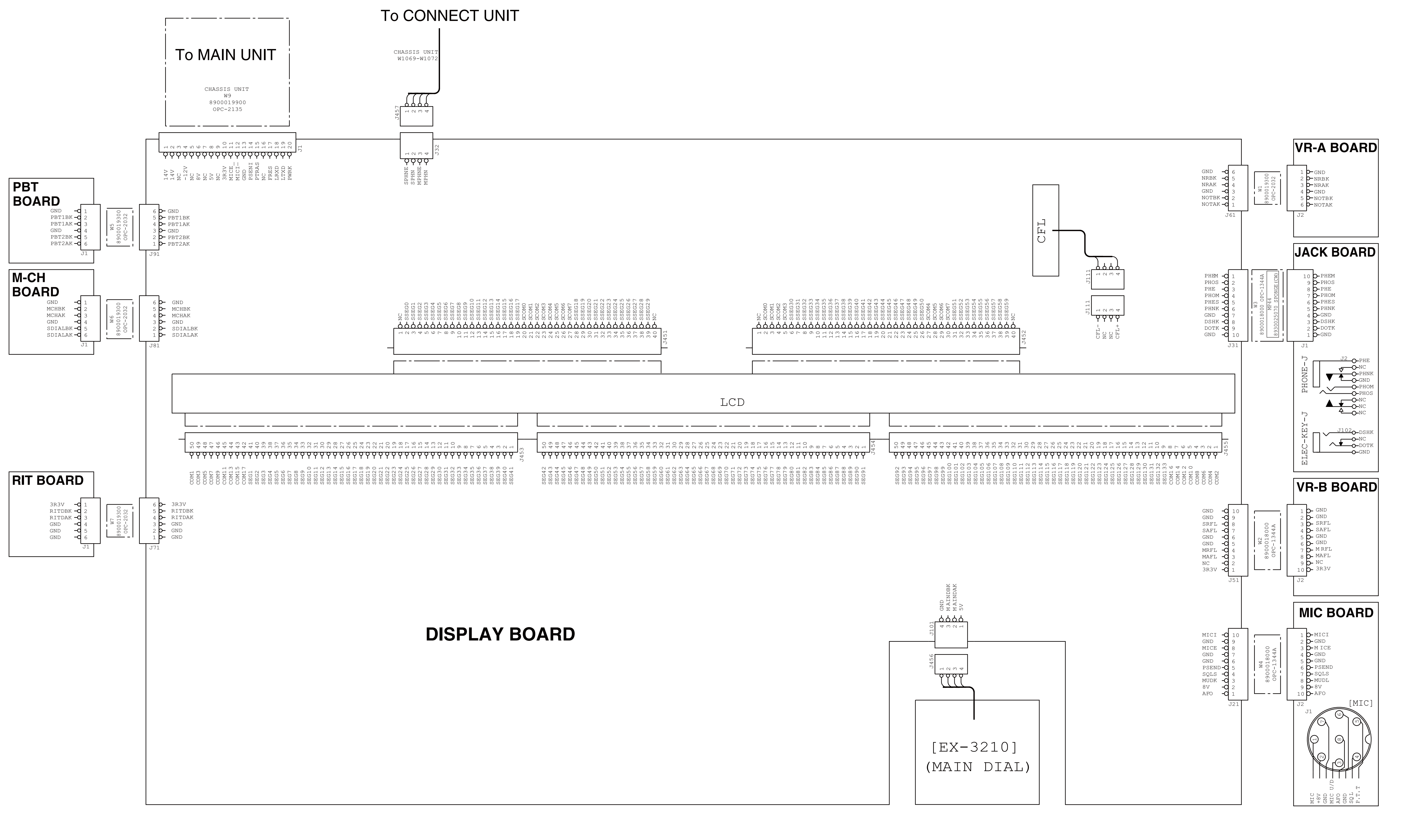
• RF-B UNIT (BOTTOM VIEW)



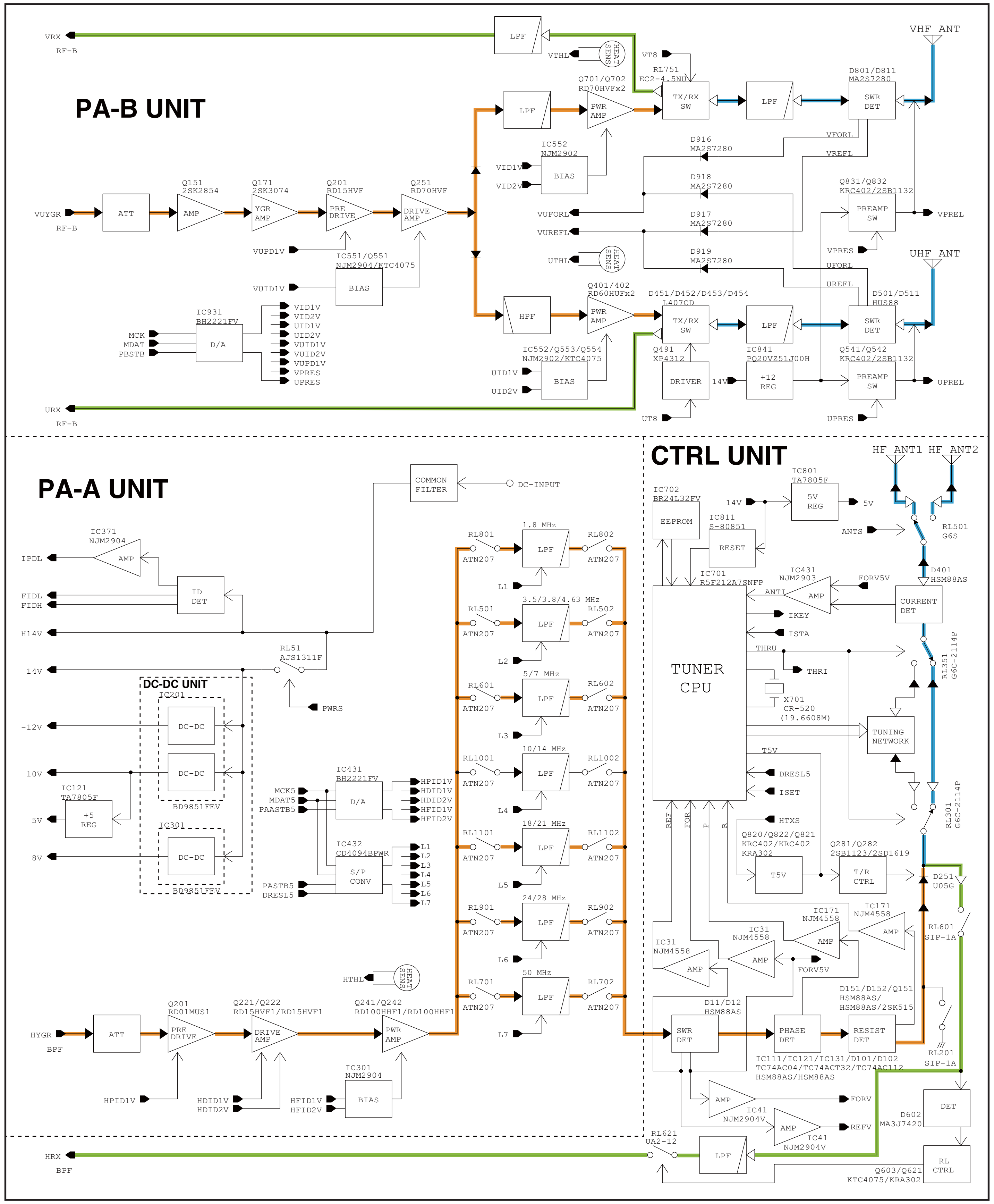

BPF
PLL UNIT
CONNECT UNIT
RF-A UNIT
MAIN UNIT
FAN
To [UT-121]
To FRONT UNIT
To FRONT
DATA (2.5φ)
DATA
KEY
ALC
SEND
ACC
REMOTE
USB
EXT-SP MAIN
EXT-SP SUB
H1Lo
HR2Lo
MKR
V1Lo
VR2Lo
U1Lo
UR2Lo
1R2REF
1R2R3Lo
CODEC_CLK
T3Lo
T2Lo
HTIF
HRIF
HRF
HRX
HYGR

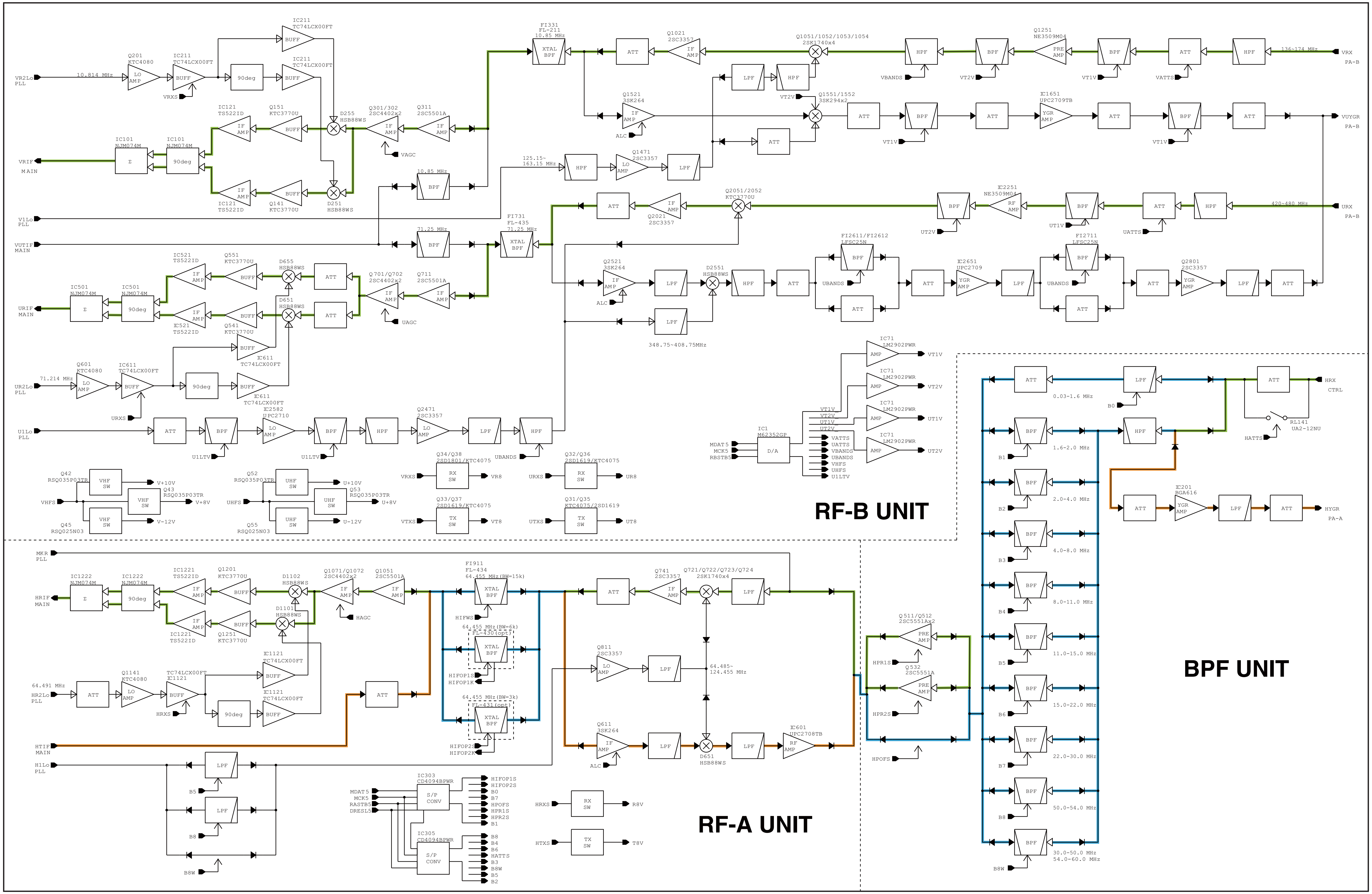

PA-B UNIT
PA-A UNIT
CTRL UNIT
UX-9100
(Optional)
NETWORK UNIT
RF-B UNIT
DC-DC
UNIT
MAIN UNIT
EXT-TUNER
SPEAKER
VHF ANT
UHF ANT
ANT1
ANT2
HYGR
HRX
CTIN
TUOT
TUIN
V1Lo
VR2Lo
U1Lo
UR2Lo
VRX
VUYGR
URX
VUTIF
URIF
VRIF
IDETHV
IDETGND
PGND
PHV

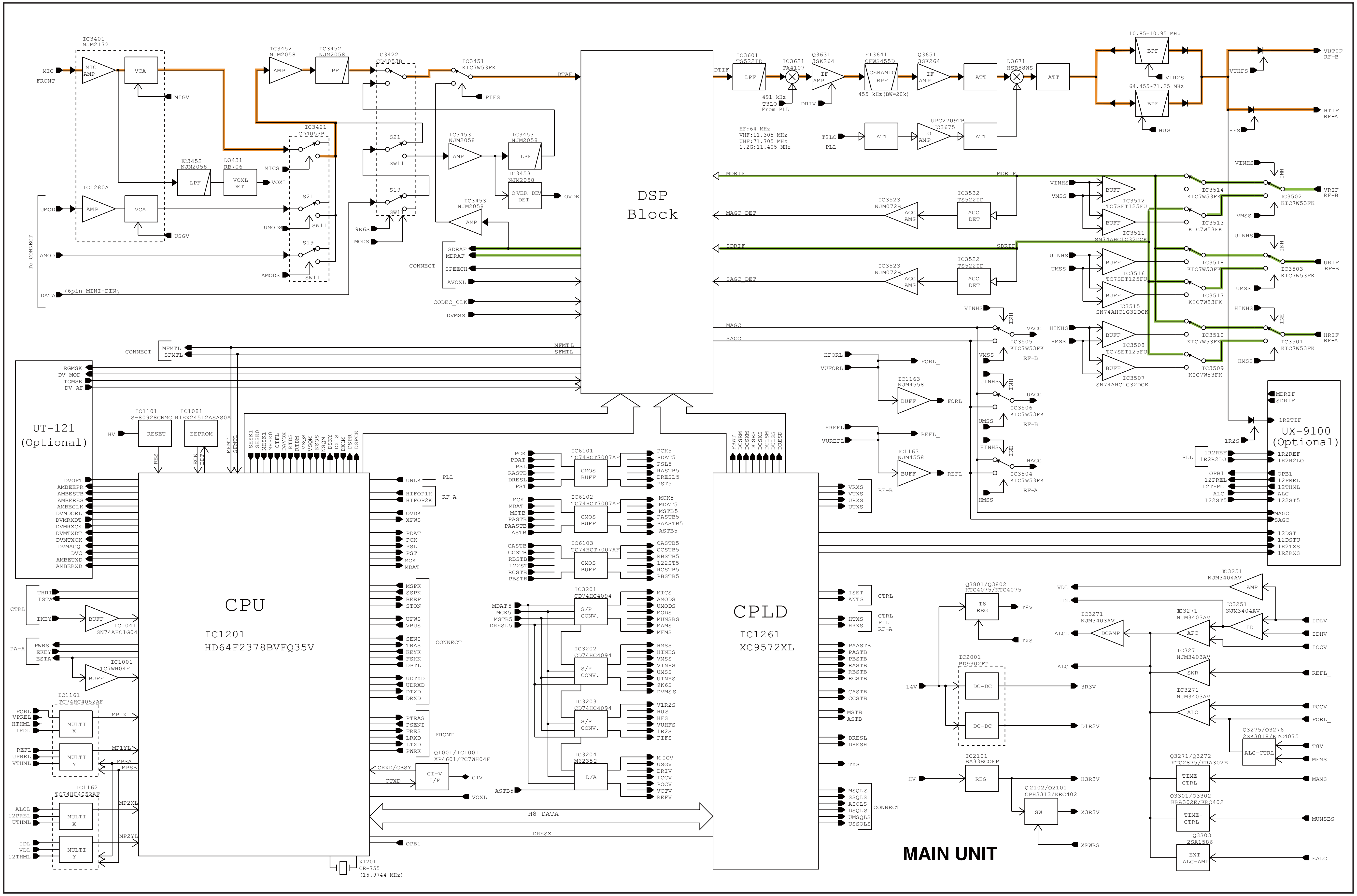
FRONT UNIT

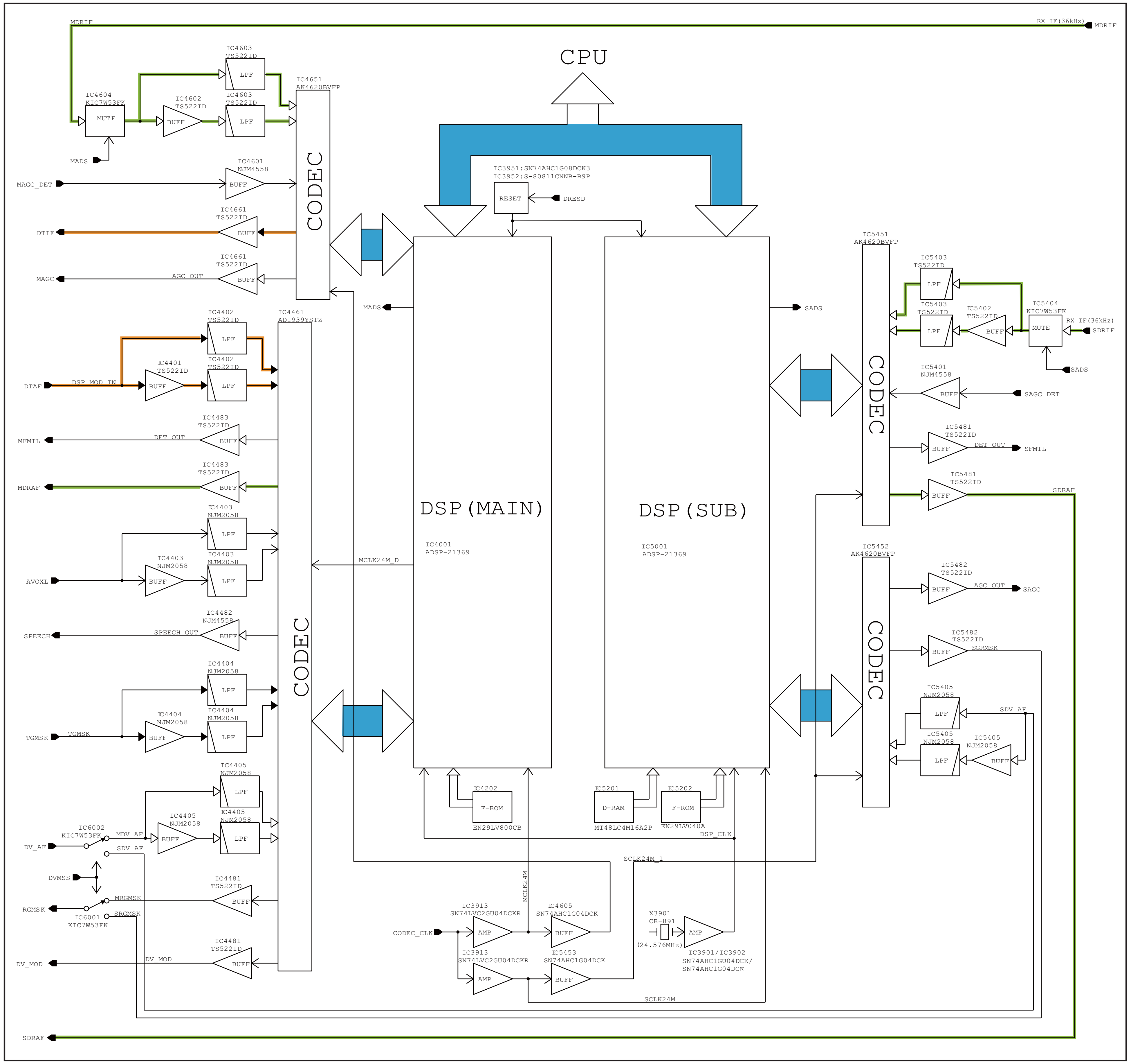

To MAIN UNIT
CHASSIS UNIT
W9
8900019900
OPC-2135
To CONNECT UNIT
CHASSIS UNIT
W1069-W1072
PBT BOARD
M-CH BOARD
RIT BOARD
VR-A BOARD
JACK BOARD
VR-B BOARD
MIC BOARD
CFL
LCD
DISPLAY BOARD
[EX-3210]
(MAIN DIAL)
PHONE-J
ELEC-KEY-J
[MIC]

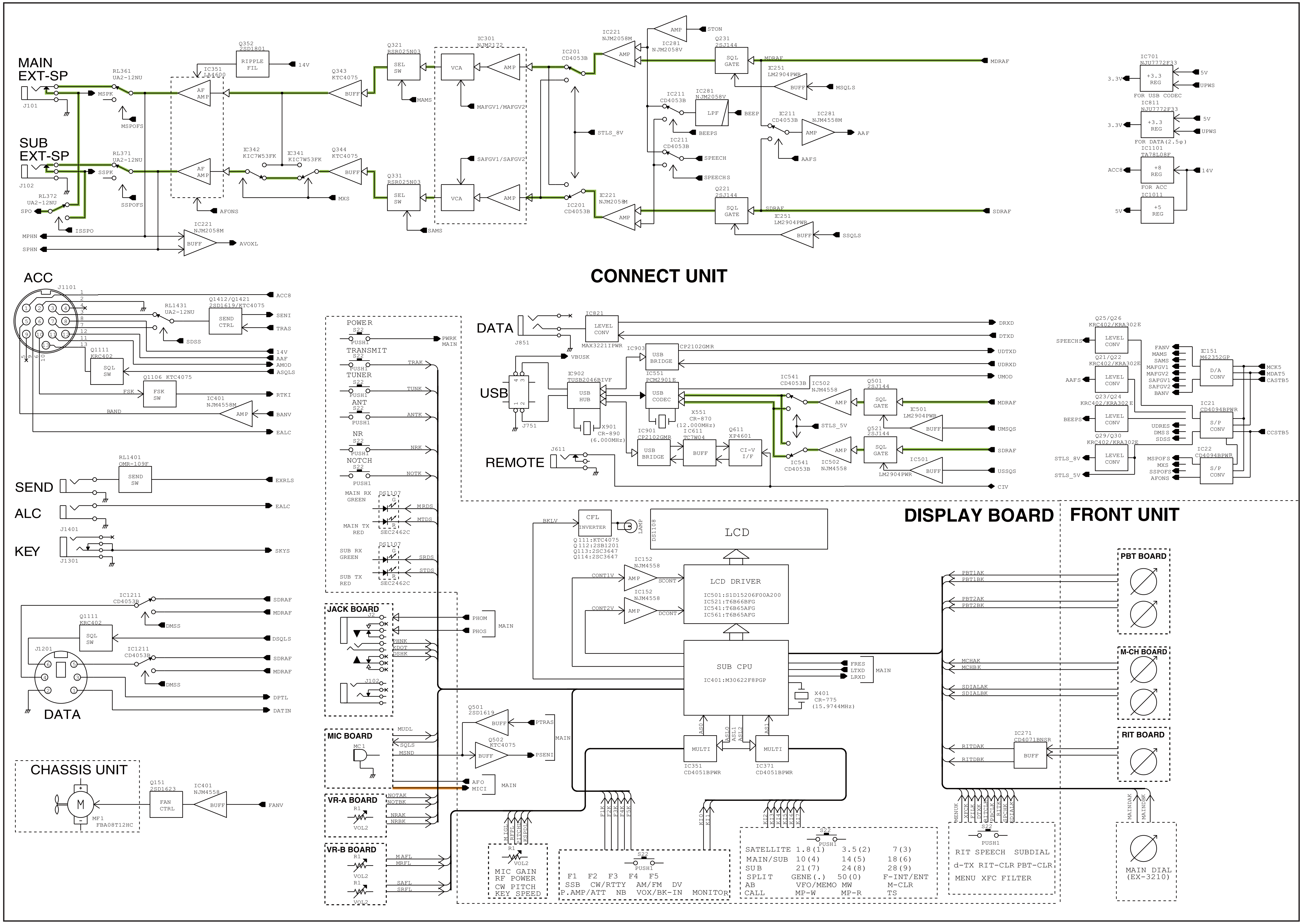
SECTION 9 BLOCK DIAGRAM



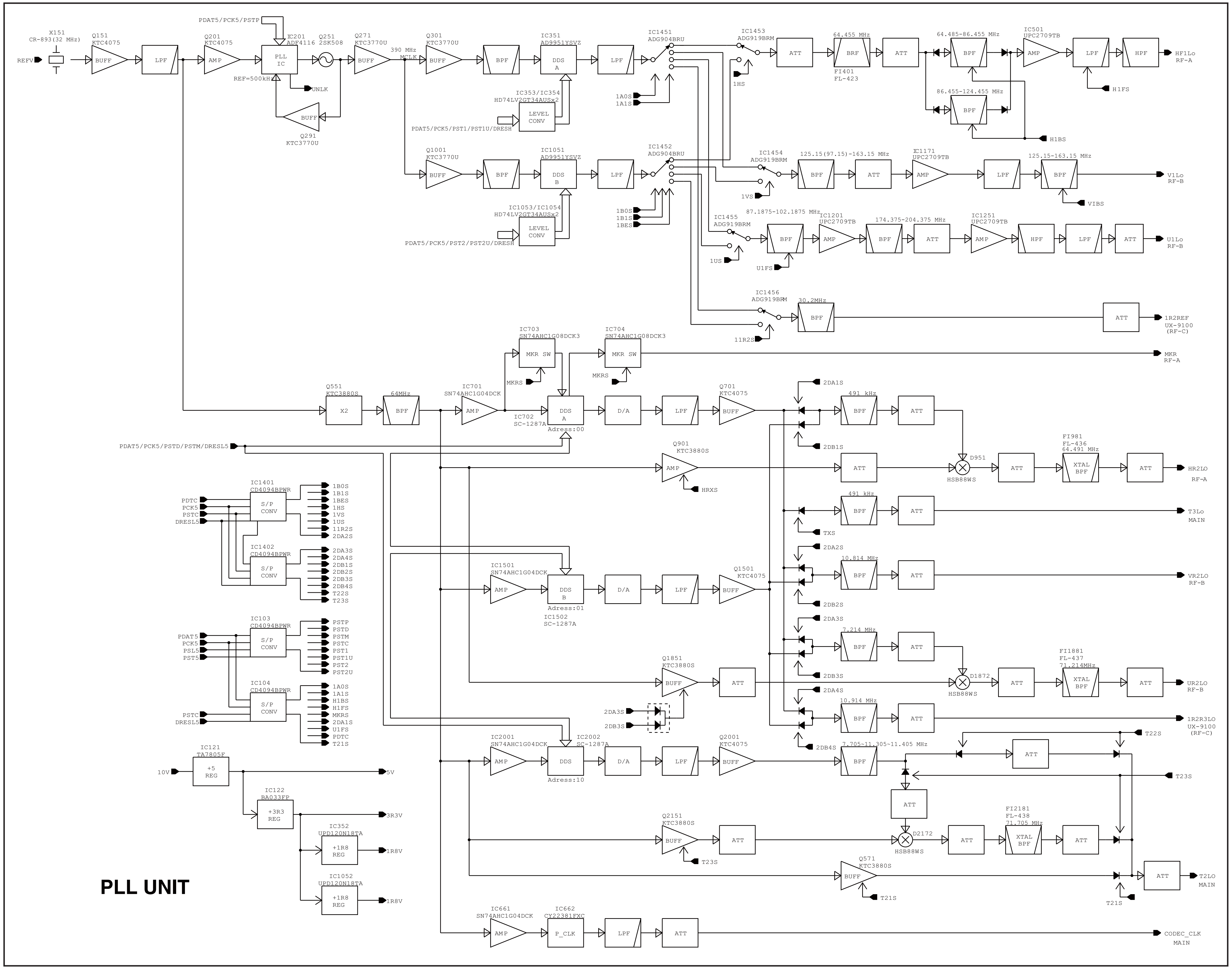

RF-B UNIT
RF-A UNIT
BPF UNIT


MAIN UNIT
DSP Block
CPU
IC1201
HD64F2378BVFQ35V
CPLD
IC1261
XC9572XL
UT-121 (Optional)
UX-9100 (Optional)
IC3401 NJM2172
MIC AMP
VCA
IC1280A
IC3452 NJM2058
D3431 RB706
VOXL DET
IC3421 CD4053B
IC3422 CD4053B
IC3451 KIC7W53FK
IC3453 NJM2058
OVER DET
IC3601 TS522ID
IC3621 TA4107
Q3631 3SK264
FI3641 CFWS455D
CERAMIC BPF
455 kHz (BW=20k)
Q3651 3SK264
D3671 HSB88WS
10.85~10.95 MHz
64.455~71.25 MHz
UPC2709TB IC3675
LO AMP
HF:64 MHz
VHF:11.305 MHz
UHF:71.705 MHz
1.2G:11.405 MHz
491 kHz
T3LO
From PLL
IC3523 NJM072B
IC3532 TS522ID
AGC AMP
AGC DET
IC3522 TS522ID
IC3514 KIC7W53FK
IC3502 KIC7W53FK
IC3512 TC7SET125FU
IC3511 SN74AHC1G32DCK
IC1101 S-80928CNMC
IC1081 R1EX24512ASAS0A
RESET
EEPROM
IC6101 TC74HCT7007AF
IC6102 TC74HCT7007AF
IC6103 TC74HCT7007AF
CMOS BUFF
IC3201 CD74HC4094
IC3202 CD74HC4094
IC3203 CD74HC4094
S/P CONV.
IC3204 M62352
D/A
IC1041 SN74AHC1G04
IC1001 TC7WH04F
IC1161 TC74HC4052AF
IC1162 TC74HC4052AF
MULTI X
MULTI Y
Q1001/IC1001 XP4601/TC7WH04F
CI-V I/F
H8 DATA
X1201 CR-755 (15.9744 MHz)
IC1163 NJM4558
Q3801/Q3802 KTC4075/KTC4075
T8 REG
IC2001 BD9302FP
DC-DC
IC2101 BA33BC0FP
Q2102/Q2101 CPH3313/KRC402
IC3251 NJM3404AV
IC3271 NJM3403AV
DCAMP
APC
SWR
ALC
Q3275/Q3276 2SK3018/KTC4075
ALC-CTRL
Q3271/Q3272 KTC2875/KRA302E
TIME-CTRL
Q3301/Q3302 KRA302E/KRC402
Q3303 2SA1586
EXT ALC-AMP
CONNECT
FRONT
CTRL
PLL
RF-A
RF-B


CPU
DSP(MAIN)
IC4001
ADSP-21369
DSP(SUB)
IC5001
ADSP-21369
CODEC
IC4651
AK4620BVFP
IC4461
AD1939YSTZ
IC5451
AK4620BVFP
IC5452
AK4620BVFP
IC3951:SN74AHC1G08DCK3
IC3952:S-80811CNNB-B9P
RESET
DRESD
MDRIF
RX IF(36kHz)
SDRIF
MADS
SADS
MAGC_DET
SAGC_DET
DTIF
MAGC
AGC OUT
SAGC
DTAF
DSP_MOD_IN
MFMTL
DET OUT
SFMTL
MDRAF
SDRAF
AVOXL
SPEECH
SPEECH OUT
TGMSK
SGRMSK
DV_AF
MDV_AF
SDV_AF
DVMSS
RGMSK
MRGMSK
DV_MOD
MCLK24M_D
MCLK24M
SCLK24M_1
SCLK24M
DSP_CLK
CODEC_CLK
X3901
CR-891
(24.576MHz)
IC3901/IC3902
SN74AHC1G04DCK/
SN74AHC1G04DCK
IC3913
SN74LVC2GU04DCKR
IC4605
SN74AHC1G04DCK
IC5453
SN74AHC1G04DCK
IC4202
F-ROM
EN29LV800CB
IC5201
D-RAM
MT48LC4M16A2P
IC5202
F-ROM
EN29LV040A
IC6001
IC6002
KIC7W53FK
IC4604
IC5404
MUTE
LPF
BUFF
AMP
TS522ID
NJM4558
NJM2058

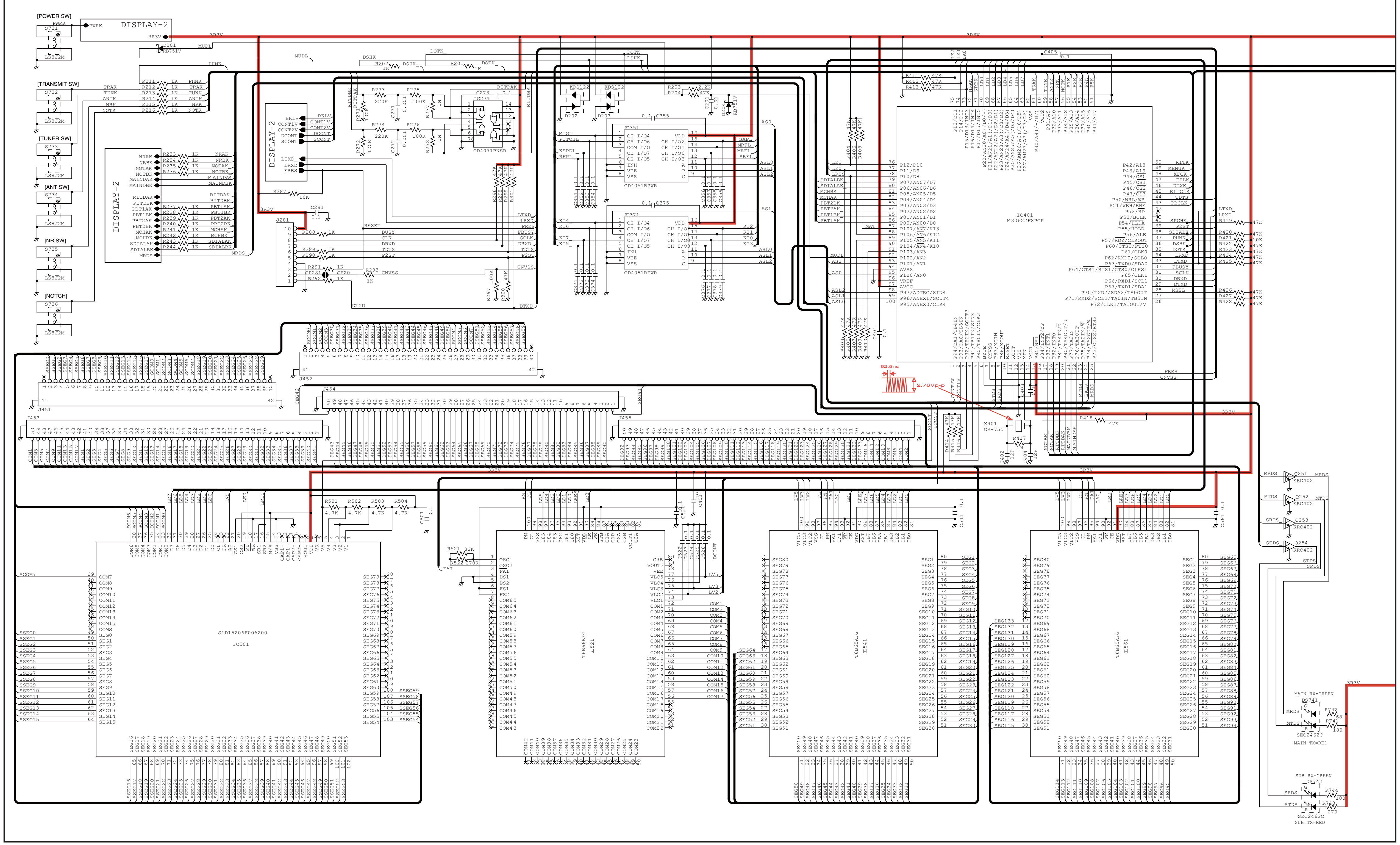


MAIN EXT-SP
SUB EXT-SP
CONNECT UNIT
ACC
SEND
ALC
KEY
DATA
CHASSIS UNIT
POWER
TRANSMIT
TUNER
ANT
NR
NOTCH
JACK BOARD
MIC BOARD
VR-A BOARD
VR-B BOARD
USB
REMOTE
DISPLAY BOARD
FRONT UNIT
LCD
LCD DRIVER
SUB CPU
PBT BOARD
M-CH BOARD
RIT BOARD
MIC GAIN
RF POWER
CW PITCH
KEY SPEED
F1 F2 F3 F4 F5
SSB CW/RTTY AM/FM DV
P.AMP/ATT NB VOX/BK-IN MONITOR
SATELLITE 1.8(1) 3.5(2) 7(3)
MAIN/SUB 10(4) 14(5) 18(6)
SUB 21(7) 24(8) 28(9)
SPLIT GENE(.) 50(0) F-INT/ENT
AB VFO/MEMO MW M-CLR
CALL MP-W MP-R TS
RIT SPEECH SUBDIAL
d-TX RIT-CLR PBT-CLR
MENU XFC FILTER
MAIN DIAL (EX-3210)

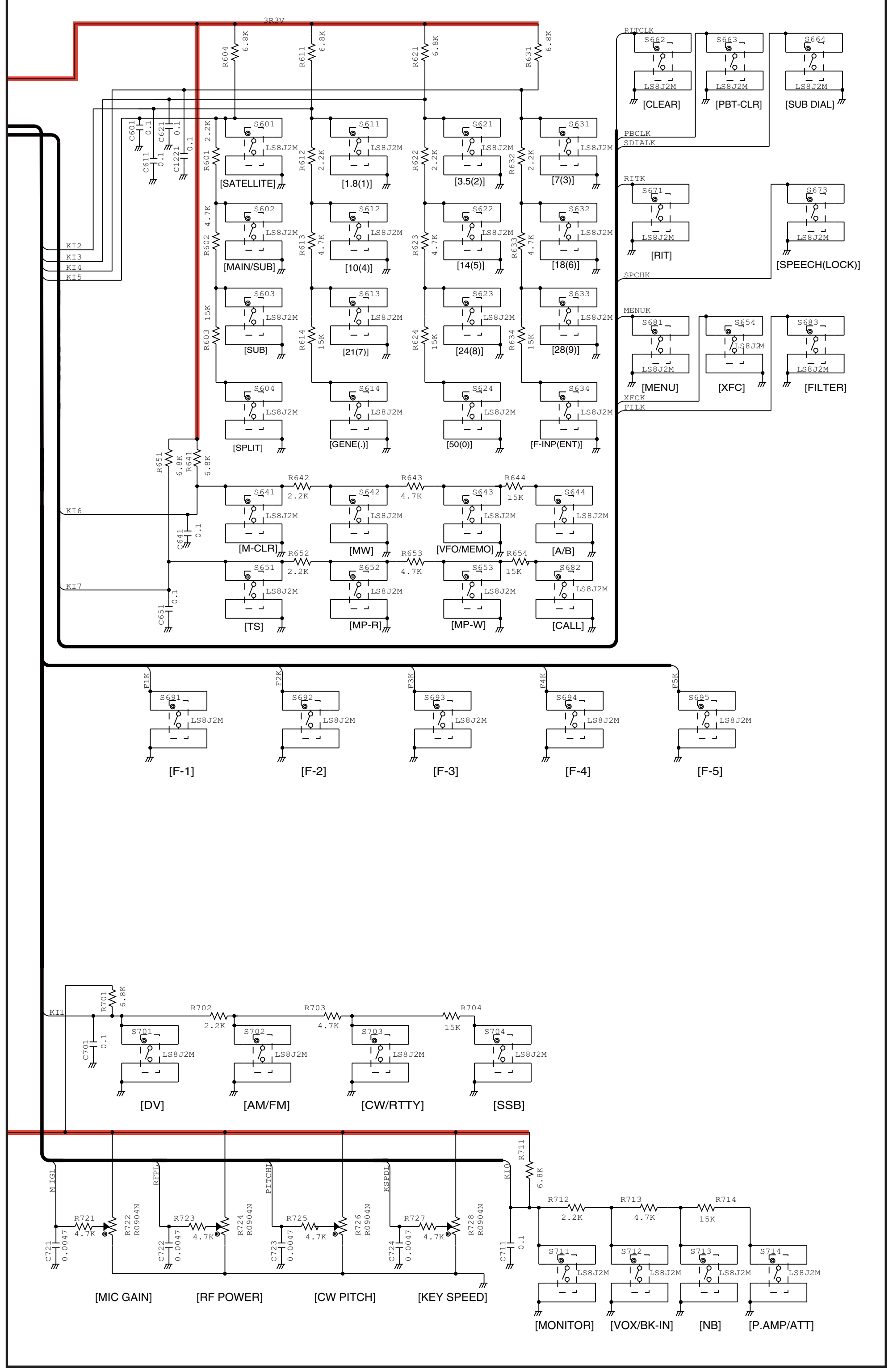

PLL UNIT
X151
CR-893(32 MHz)
REFV
Q151
KTC4075
BUFF
LPF
Q201
KTC4075
AMP
PDAT5/PCK5/PSTP
IC201
ADF4116
PLL
IC
REF=500kHz
UNLK
Q251
2SK508
Q271
KTC3770U
390 MHz
MCLK
Q291
KTC3770U
Q301
KTC3770U
BPF
IC351
AD9951YSVZ
DDS
A
IC353/IC354
HD74LV2GT34AUSx2
LEVEL
CONV
PDAT5/PCK5/PST1/PST1U/DRESH
IC1451
ADG904BRU
1A0S
1A1S
IC1453
ADG919BRM
1HS
ATT
64.455 MHz
BRF
FI401
FL-423
64.485-86.455 MHz
86.455-124.455 MHz
IC501
UPC2709TB
HPF
HF1Lo
RF-A
H1FS
H1BS
Q1001
KTC3770U
IC1051
AD9951YSVZ
DDS
B
IC1053/IC1054
HD74LV2GT34AUSx2
PDAT5/PCK5/PST2/PST2U/DRESH
IC1452
ADG904BRU
1B0S
1B1S
1BES
IC1454
ADG919BRM
1VS
125.15(97.15)-163.15 MHz
IC1171
UPC2709TB
125.15-163.15 MHz
V1Lo
RF-B
VIBS
IC1455
ADG919BRM
1US
87.1875-102.1875 MHz
IC1201
UPC2709TB
U1FS
174.375-204.375 MHz
IC1251
UPC2709TB
U1Lo
RF-B
IC1456
ADG919BRM
30.2MHz
11R2S
1R2REF
UX-9100
(RF-C)
IC703
SN74AHC1G08DCK3
MKR SW
MKRS
IC704
SN74AHC1G08DCK3
MKR
RF-A
Q551
KTC3880S
X2
64MHz
IC701
SN74AHC1G04DCK
IC702
SC-1287A
Adress:00
D/A
Q701
KTC4075
2DA1S
2DB1S
491 kHz
PDAT5/PCK5/PSTD/PSTM/DRESL5
Q901
KTC3880S
HRXS
D951
HSB88WS
FI981
FL-436
64.491 MHz
XTAL
BPF
HR2LO
RF-A
TXS
T3Lo
MAIN
IC1401
CD4094BPWR
S/P
CONV
PDTC
PCK5
PSTC
DRESL5
1B0S
1B1S
1BES
1VS
1HS
1US
11R2S
2DA2S
IC1402
CD4094BPWR
2DA3S
2DA4S
2DB1S
2DB2S
2DB3S
2DB4S
T22S
T23S
IC1501
SN74AHC1G04DCK
Adress:01
IC1502
SC-1287A
Q1501
KTC4075
2DA2S
10.814 MHz
2DB2S
VR2LO
RF-B
IC103
CD4094BPWR
PDAT5
PCK5
PSL5
PST5
PSTP
PSTD
PSTM
PSTC
PST1
PST1U
PST2
PST2U
2DA3S
7.214 MHz
Q1851
KTC3880S
2DB3S
D1872
HSB88WS
FI1881
FL-437
71.214MHz
UR2LO
RF-B
IC104
CD4094BPWR
1A0S
1A1S
H1BS
H1FS
MKRS
2DA1S
U1FS
PDTC
T21S
2DA4S
10.914 MHz
1R2R3LO
UX-9100
(RF-C)
2DB4S
T22S
IC121
TA7805F
10V
+5
REG
5V
IC2001
SN74AHC1G04DCK
IC2002
SC-1287A
Adress:10
Q2001
KTC4075
7.705-11.305-11.405 MHz
T23S
IC122
BA033FP
+3R3
REG
3R3V
IC352
UPD120N18TA
+1R8
REG
1R8V
Q2151
KTC3880S
D2172
HSB88WS
FI2181
FL-438
71.705 MHz
IC1052
UPD120N18TA
Q571
KTC3880S
T21S
T2LO
MAIN
IC661
SN74AHC1G04DCK
AMP
IC662
CY22381FXC
P_CLK
CODEC_CLK
MAIN

SECTION 10 VOLTAGE DIAGRAM

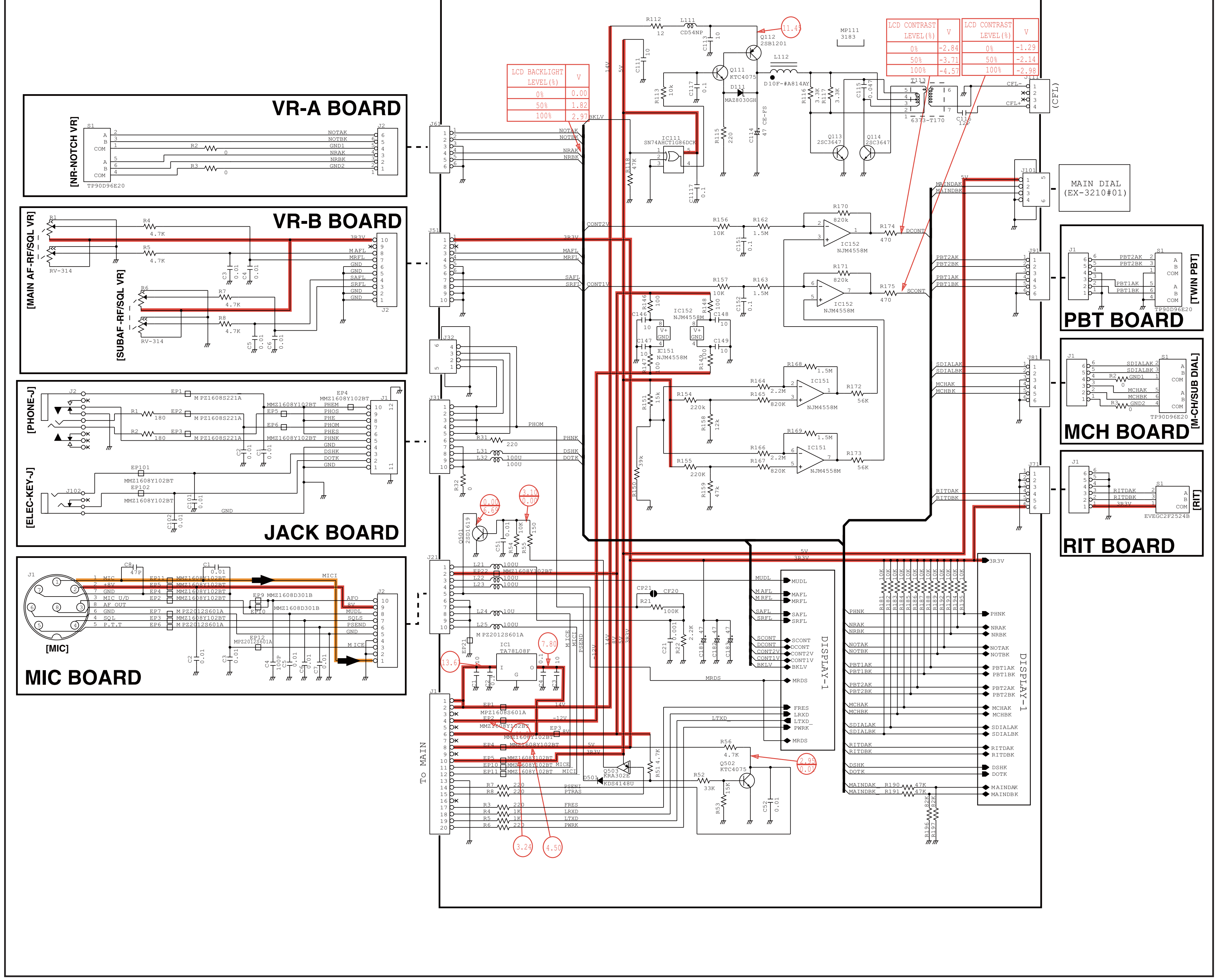
• DISPLAY BOARD (DISPLAY BOARD-1)



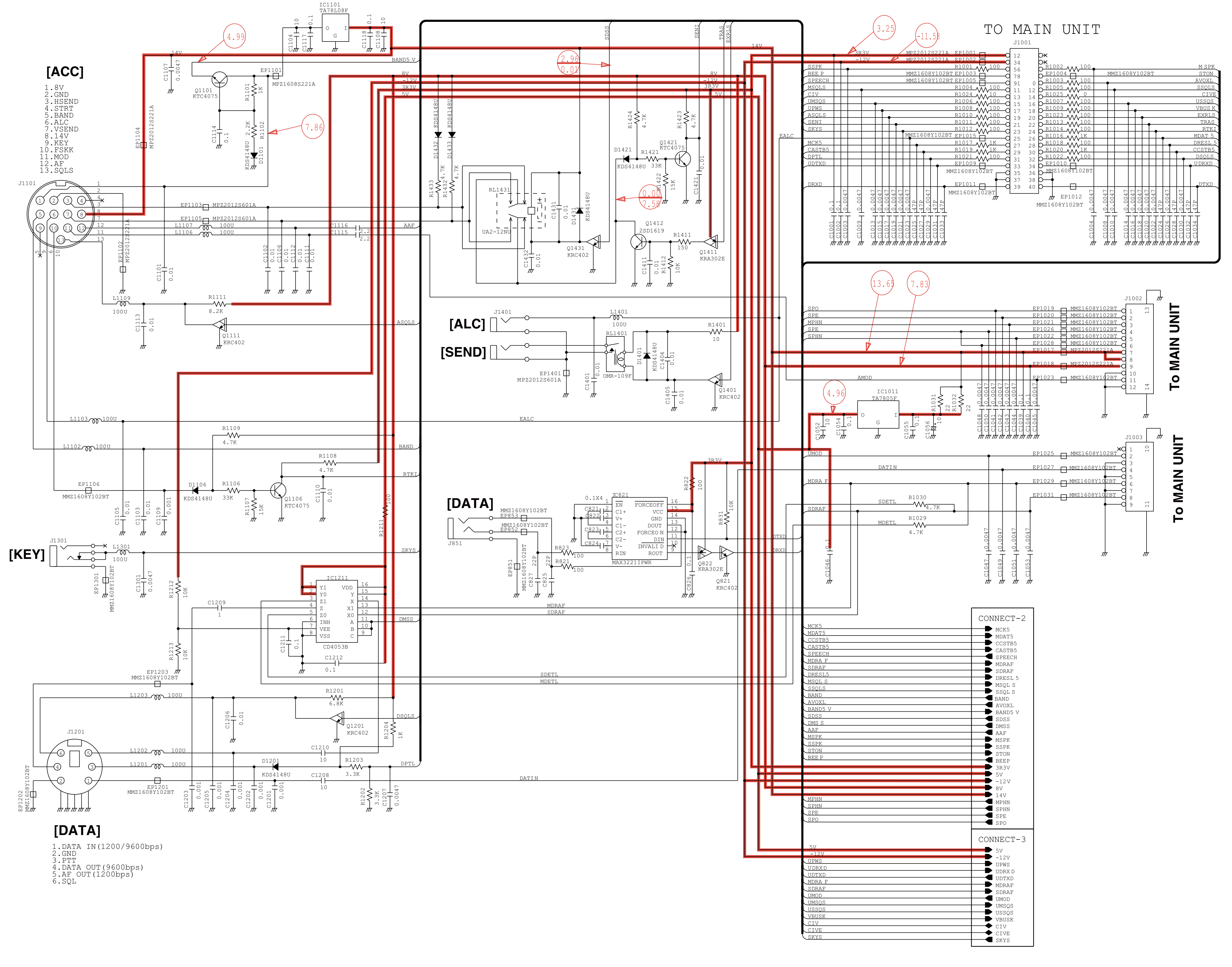
• DISPLAY BOARD (DISPLAY BOARD-1)



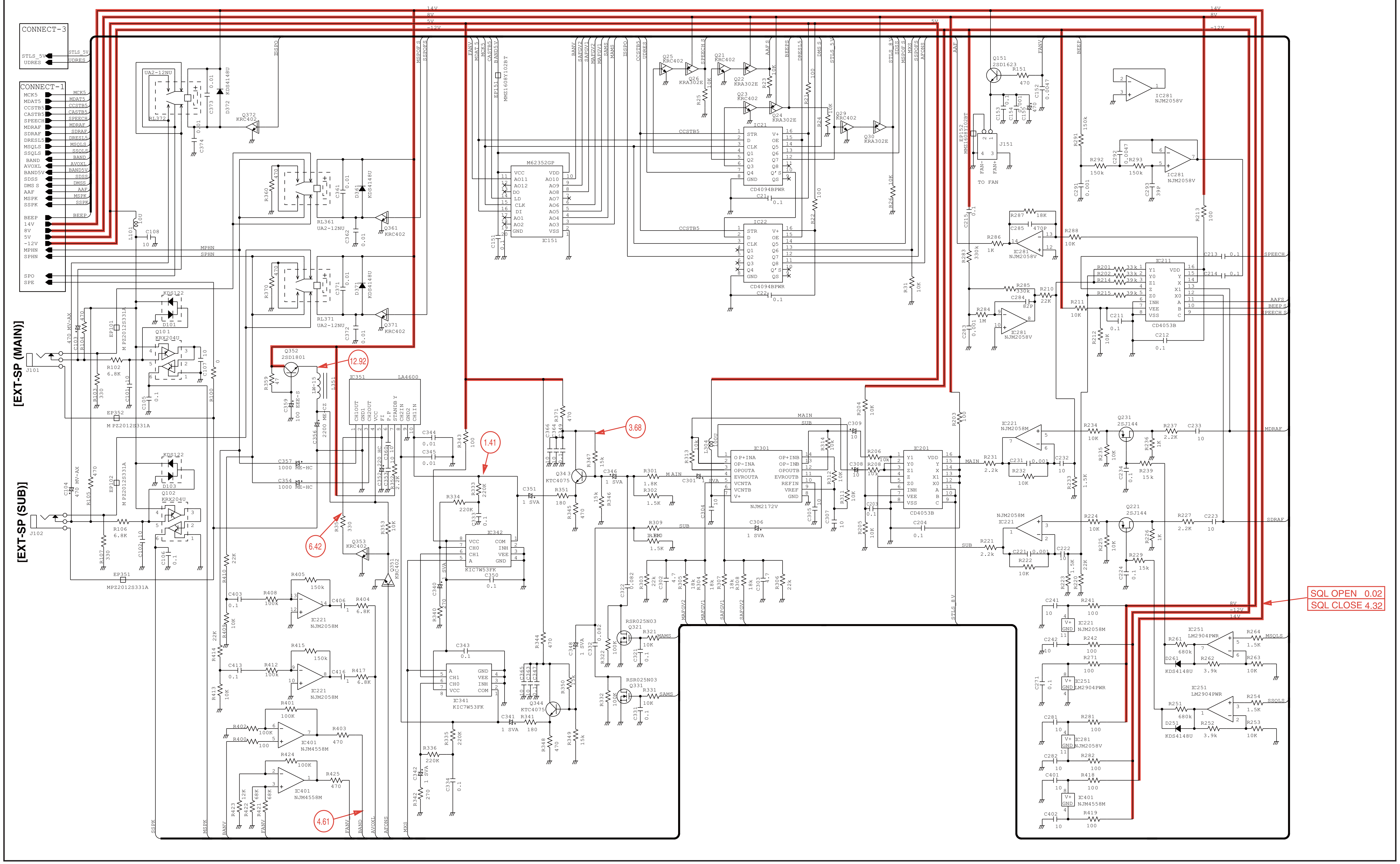
• DISPLAY BOARD (DISPLAY BOARD-2)



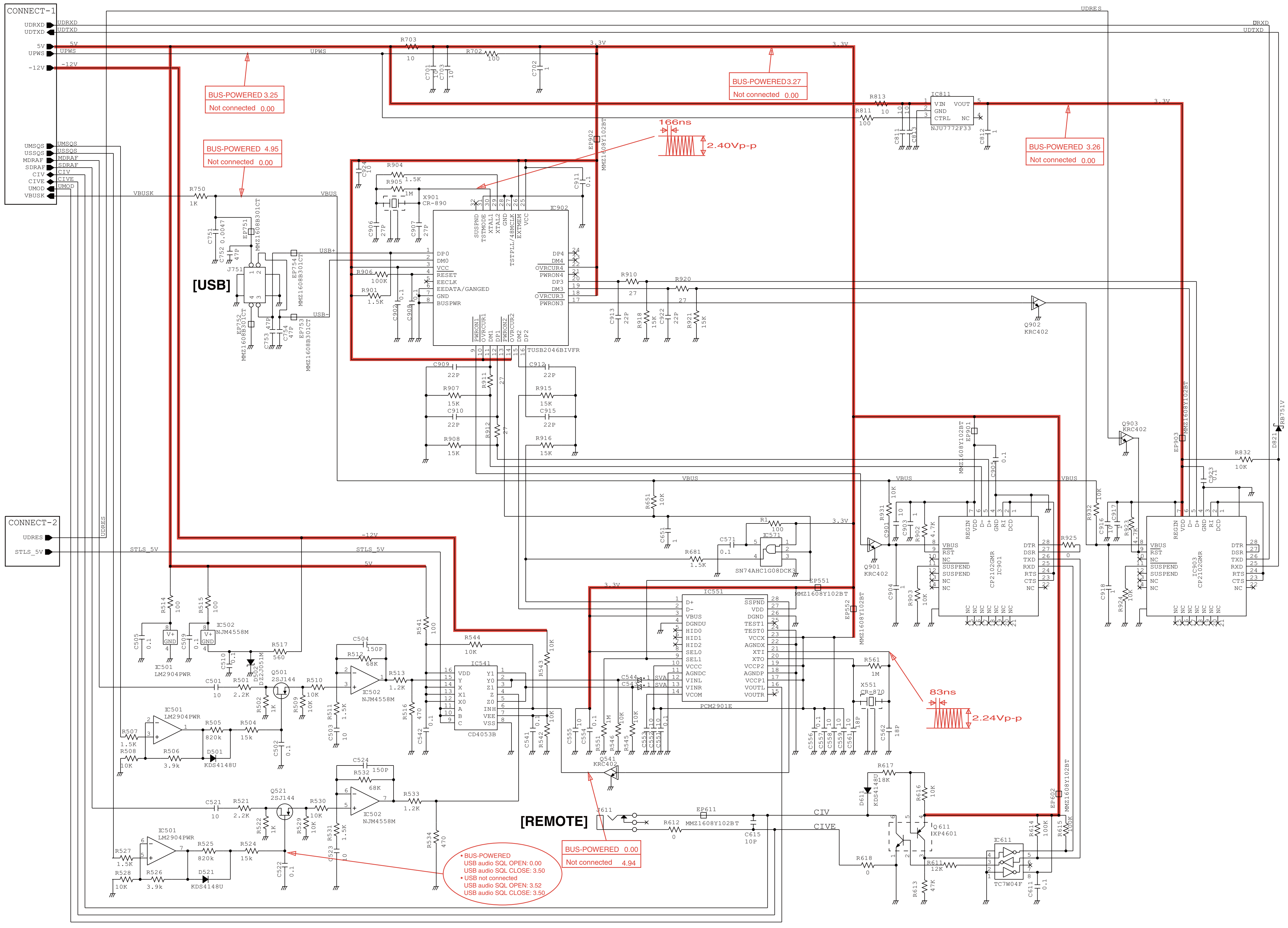
• CONNECT UNIT (CONNECT-1)



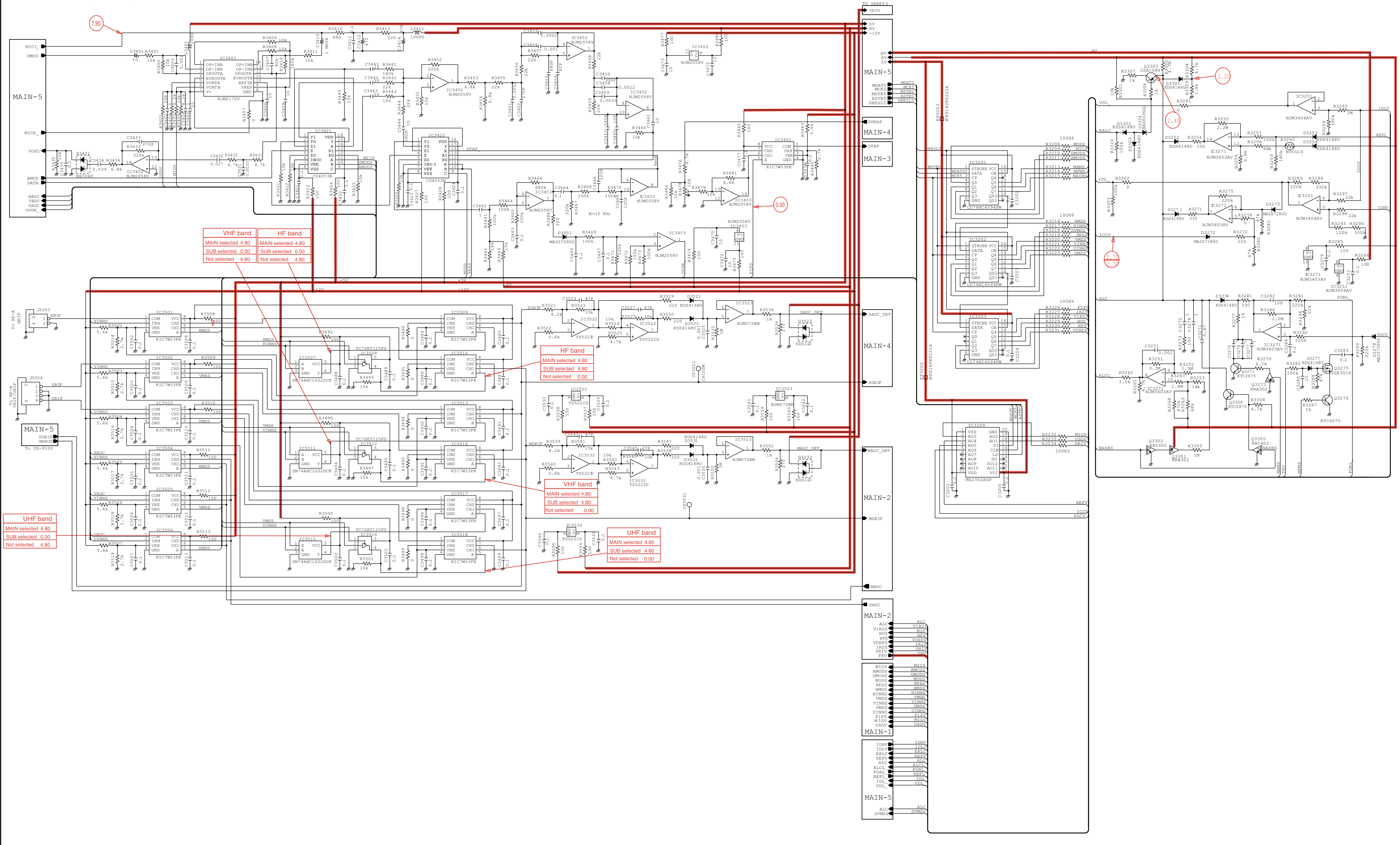
• CONNECT UNIT (CONNECT-2)



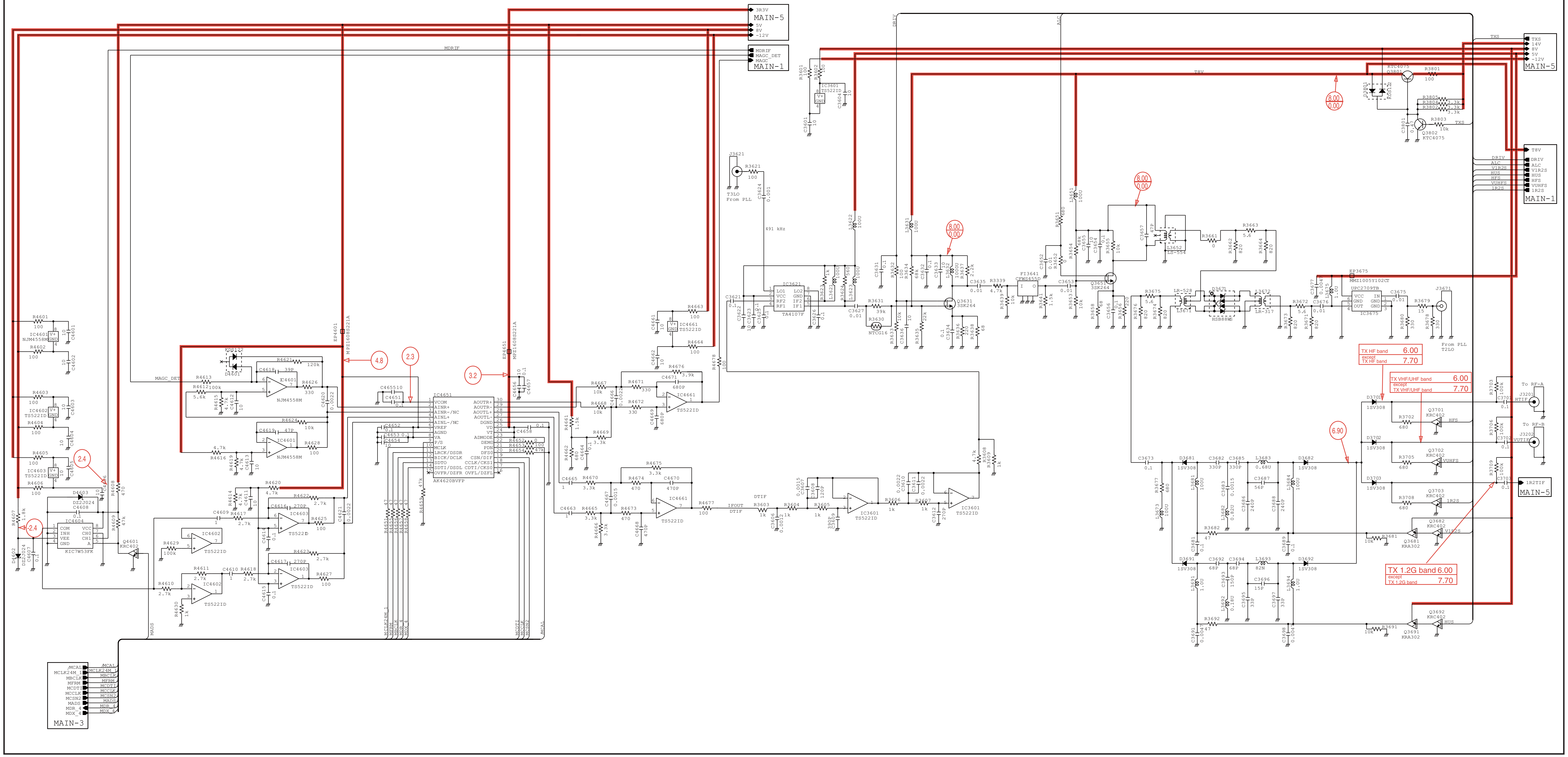
• **CONNECT UNIT (CONNECT-3)**



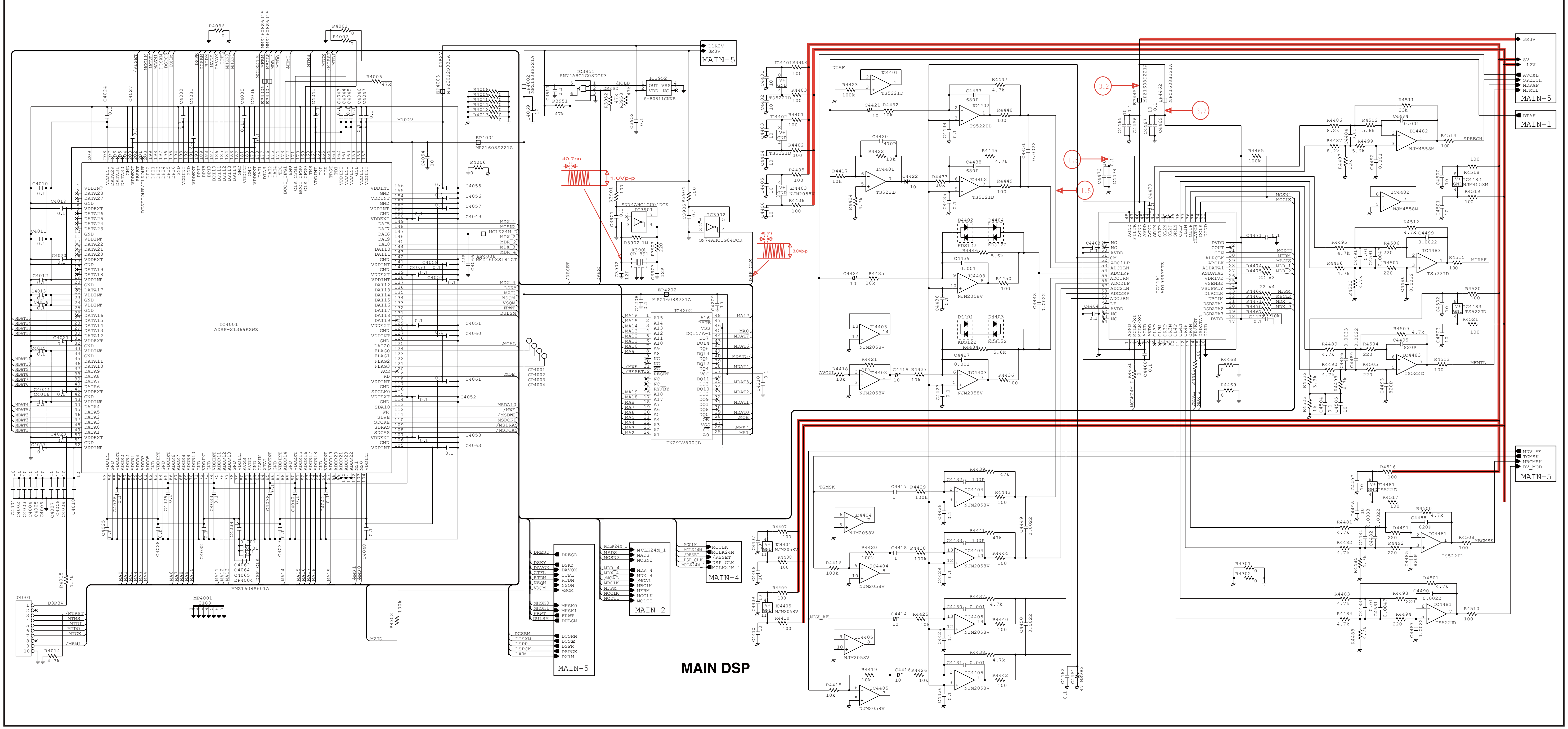
• MAIN UNIT (MAIN-1)



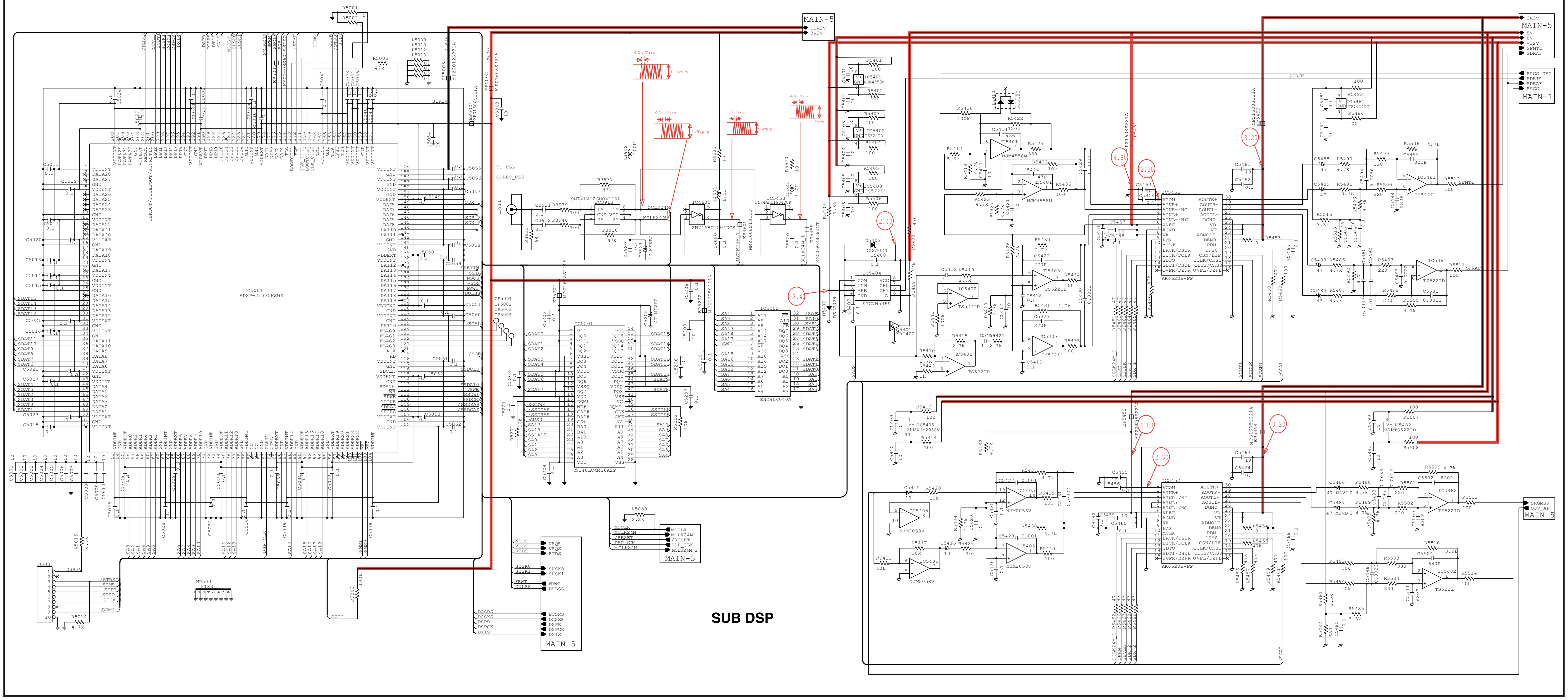
• MAIN UNIT (MAIN-2)



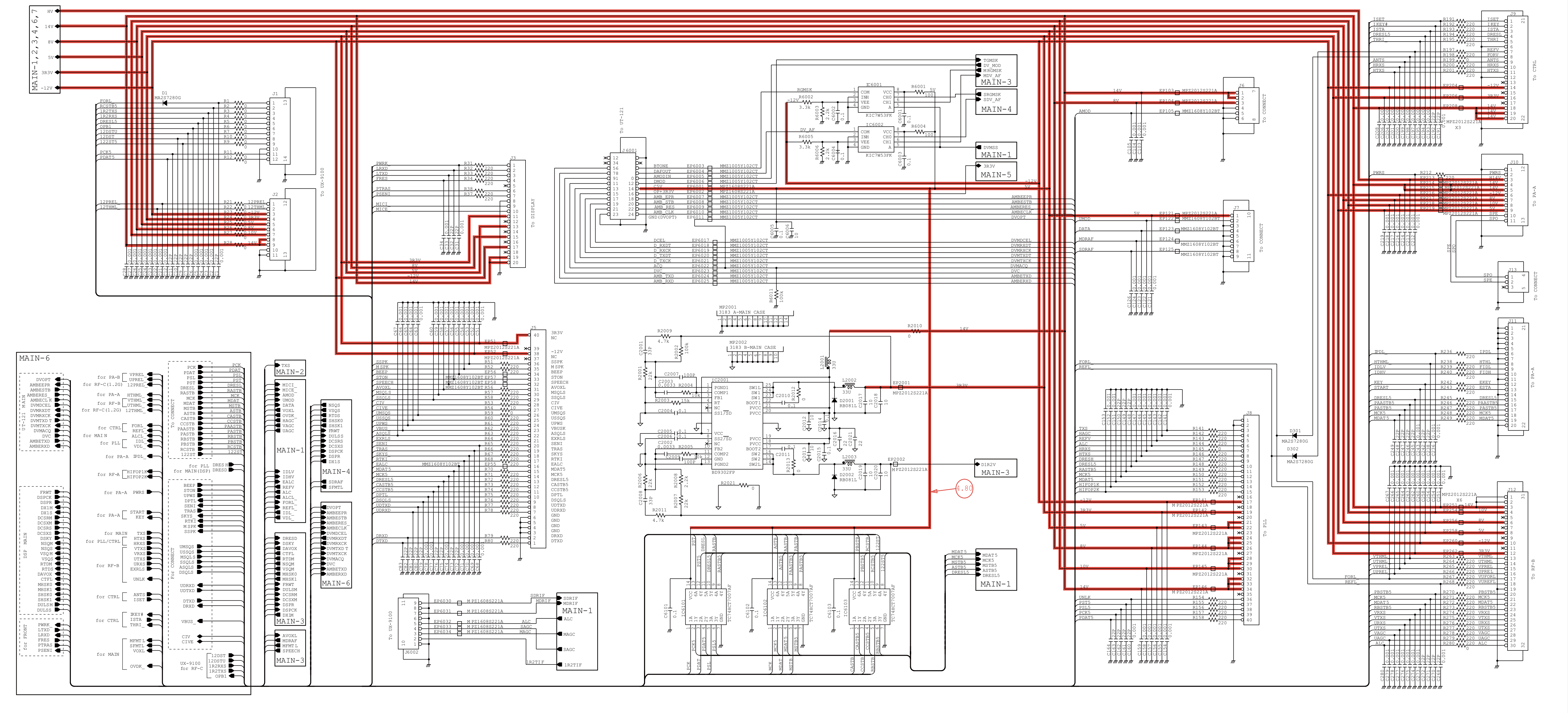
• MAIN UNIT (MAIN-3)



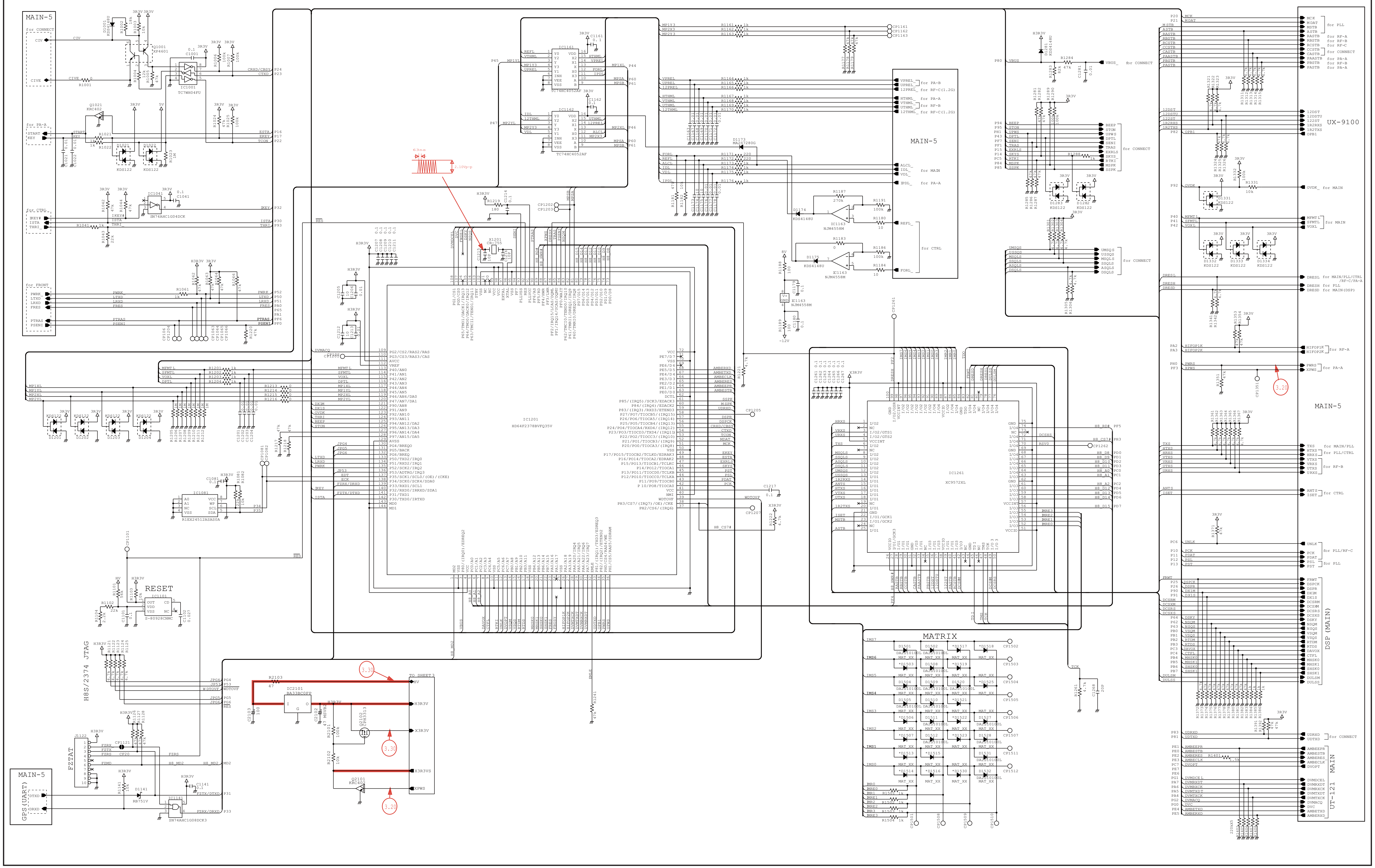
• MAIN UNIT (MAIN-4)



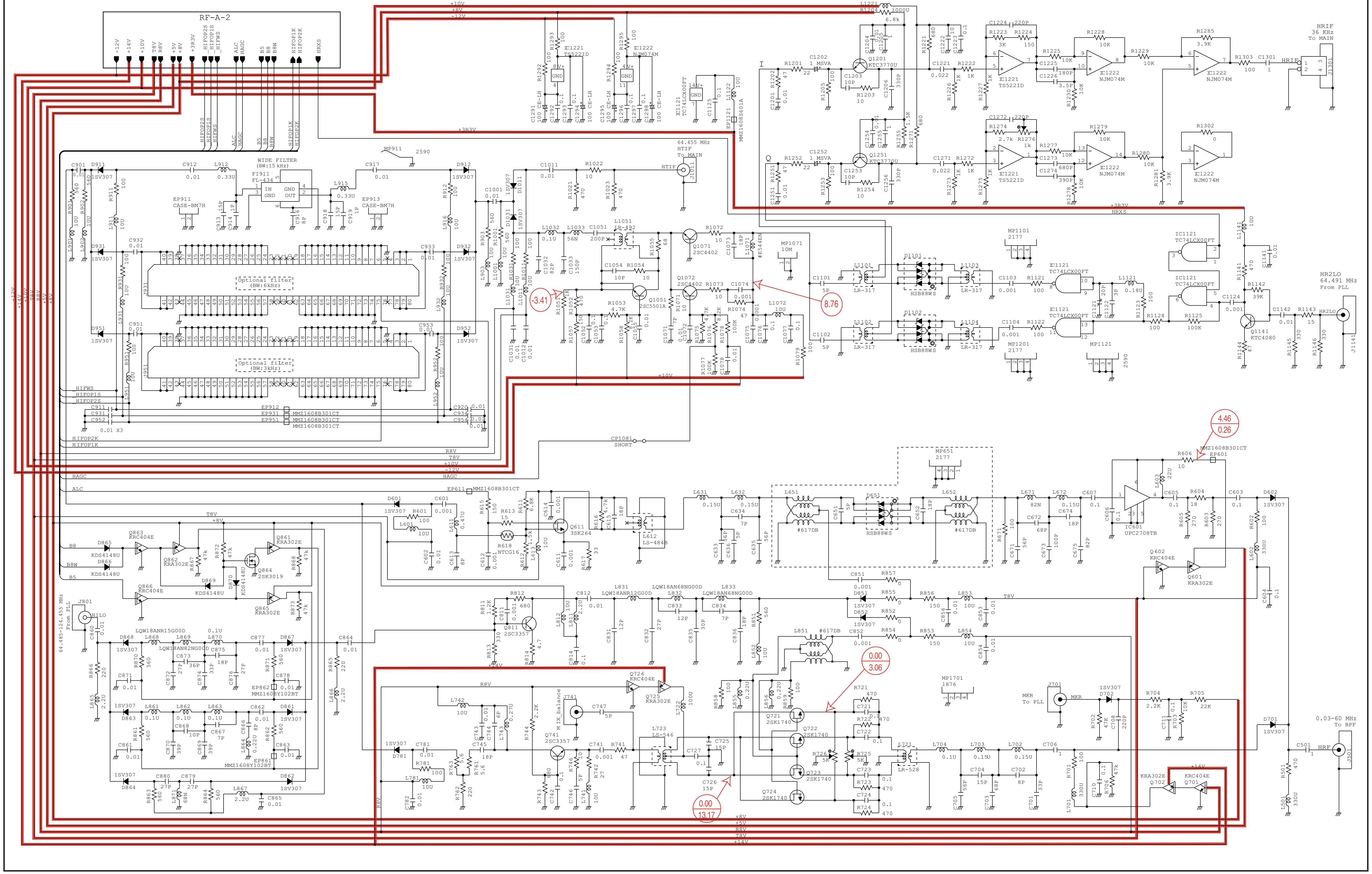
• **MAIN UNIT (MAIN-5)**



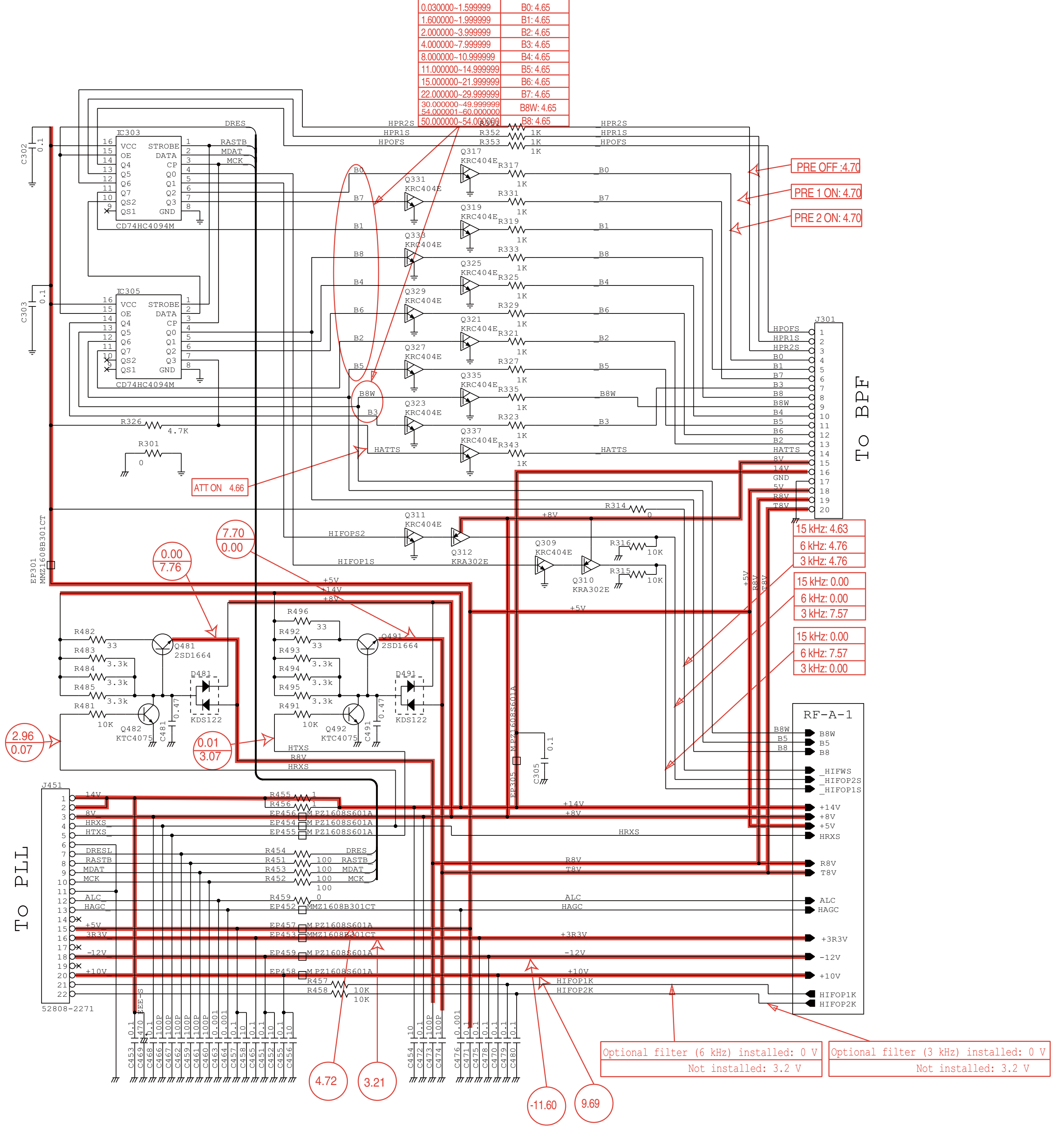
• MAIN UNIT (MAIN-6)



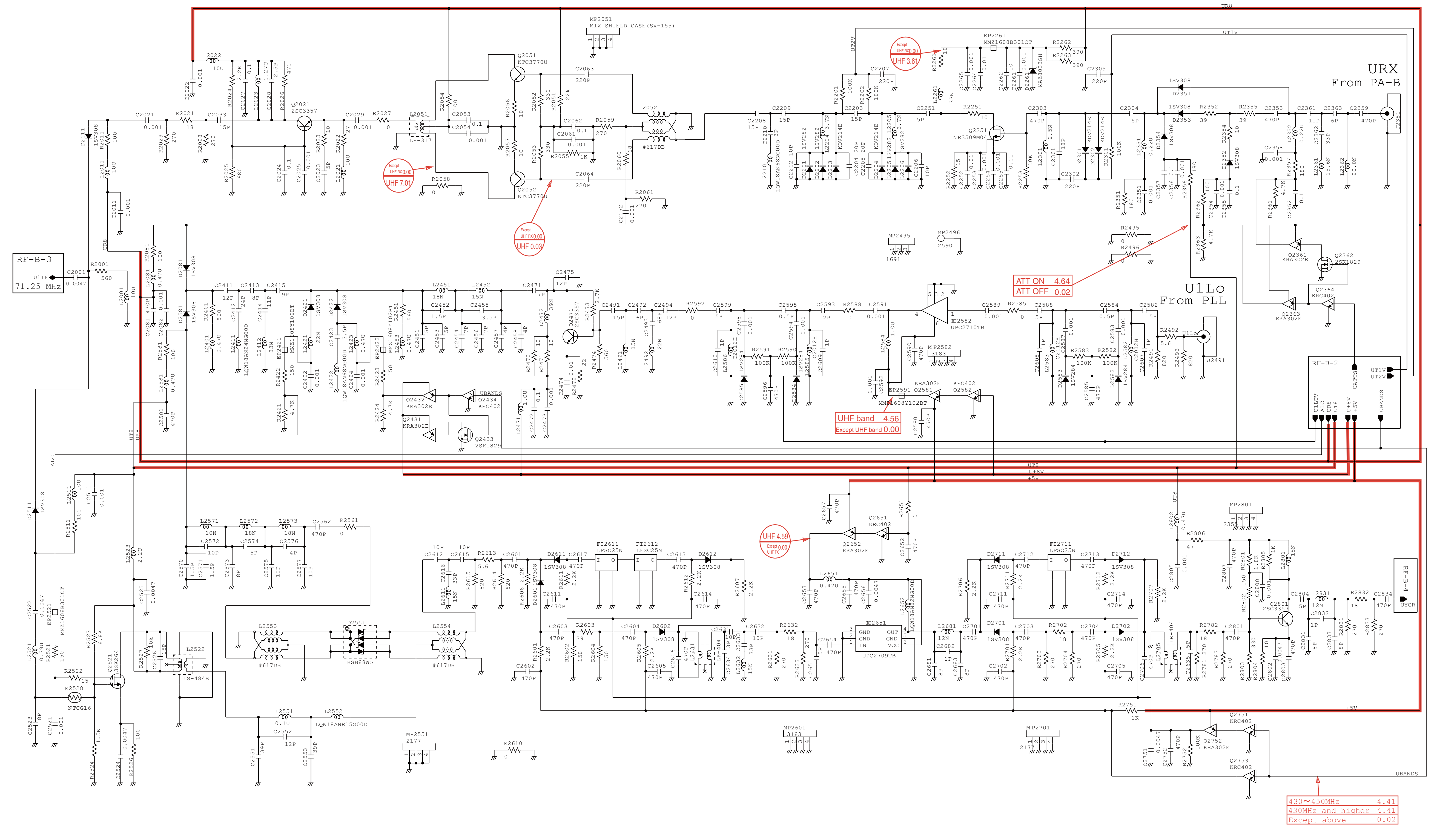
• RF-A UNIT (RF-A-1)



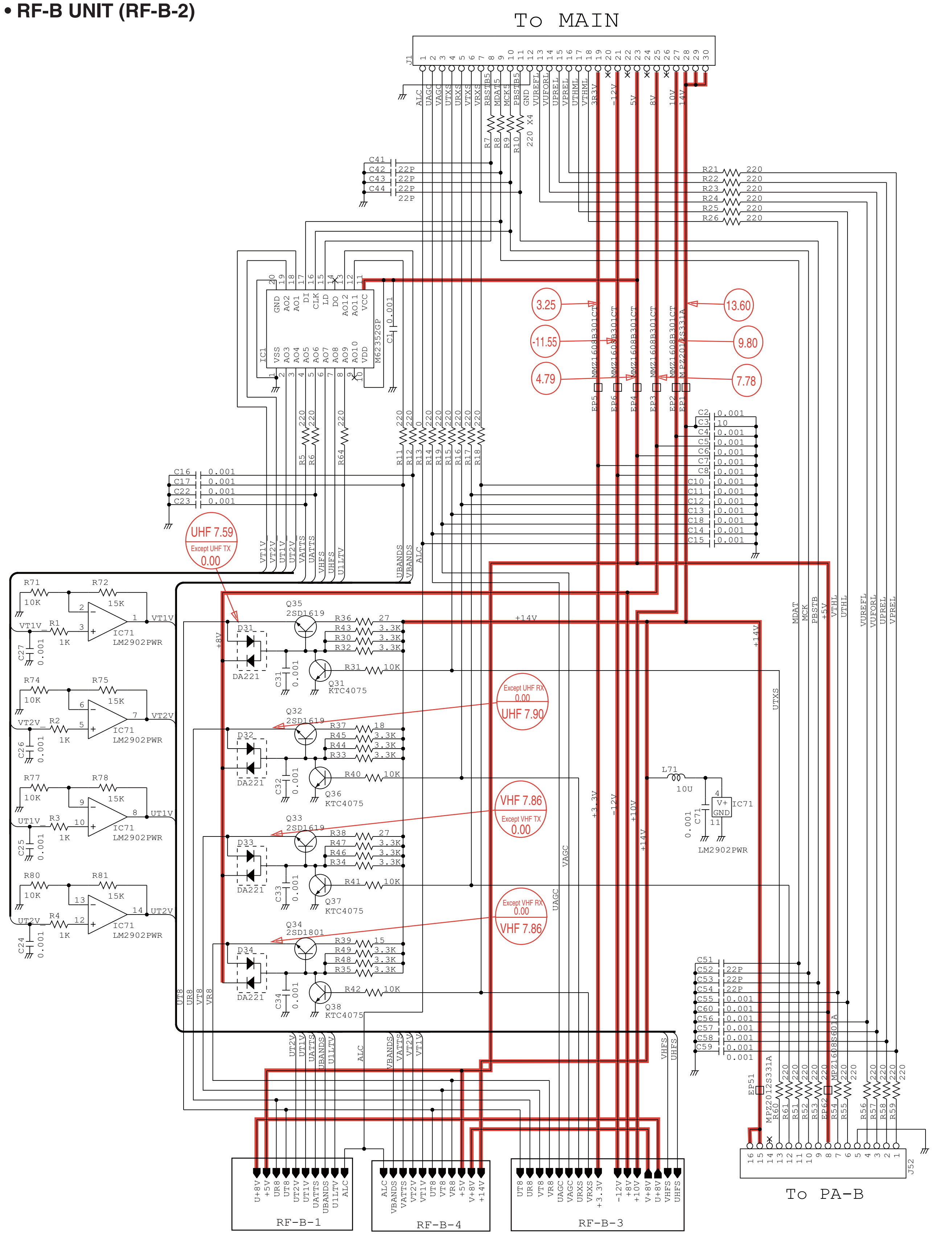
• RF-A UNIT (RF-A-2)



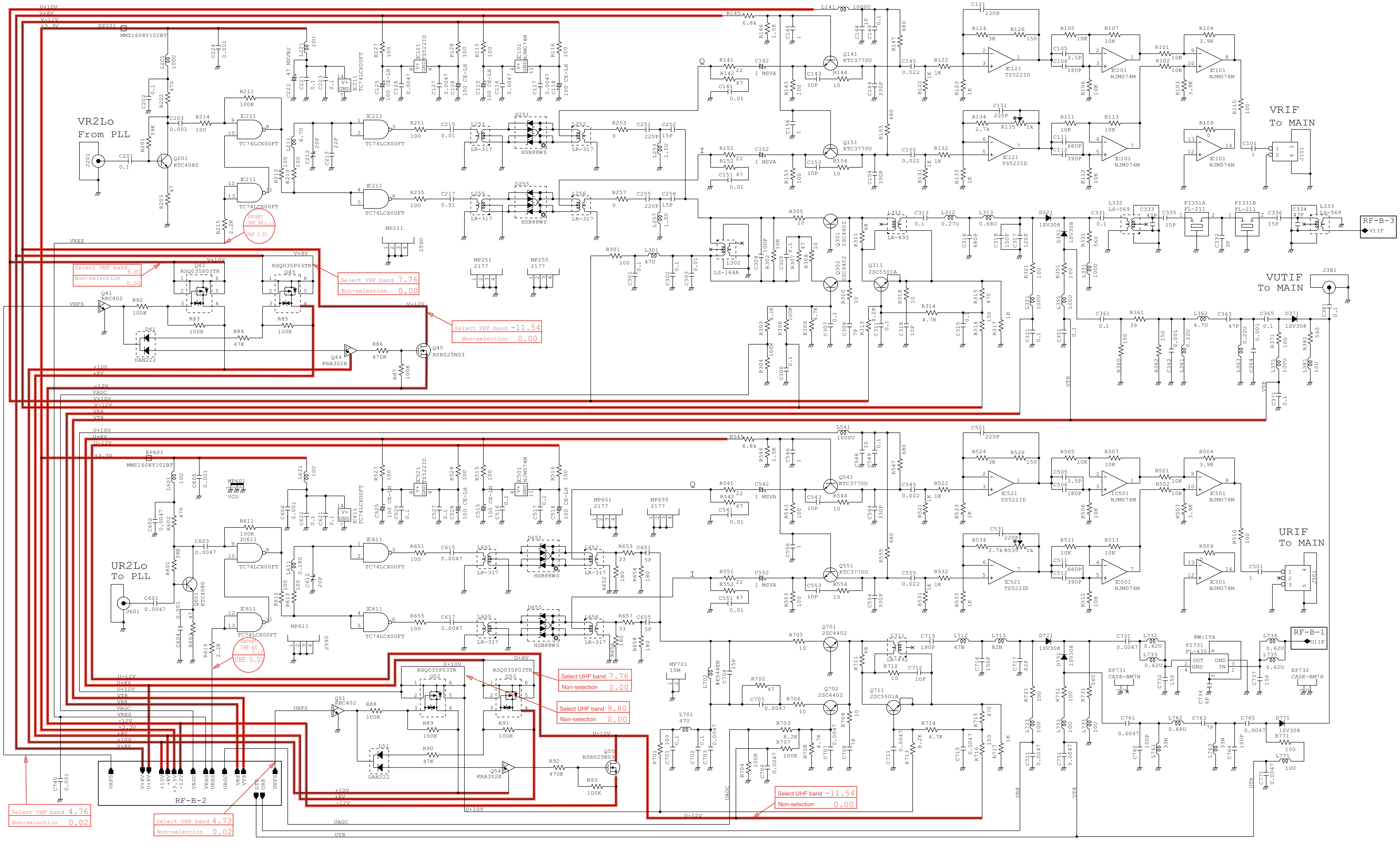
• **RF-B UNIT (RF-B-1)**



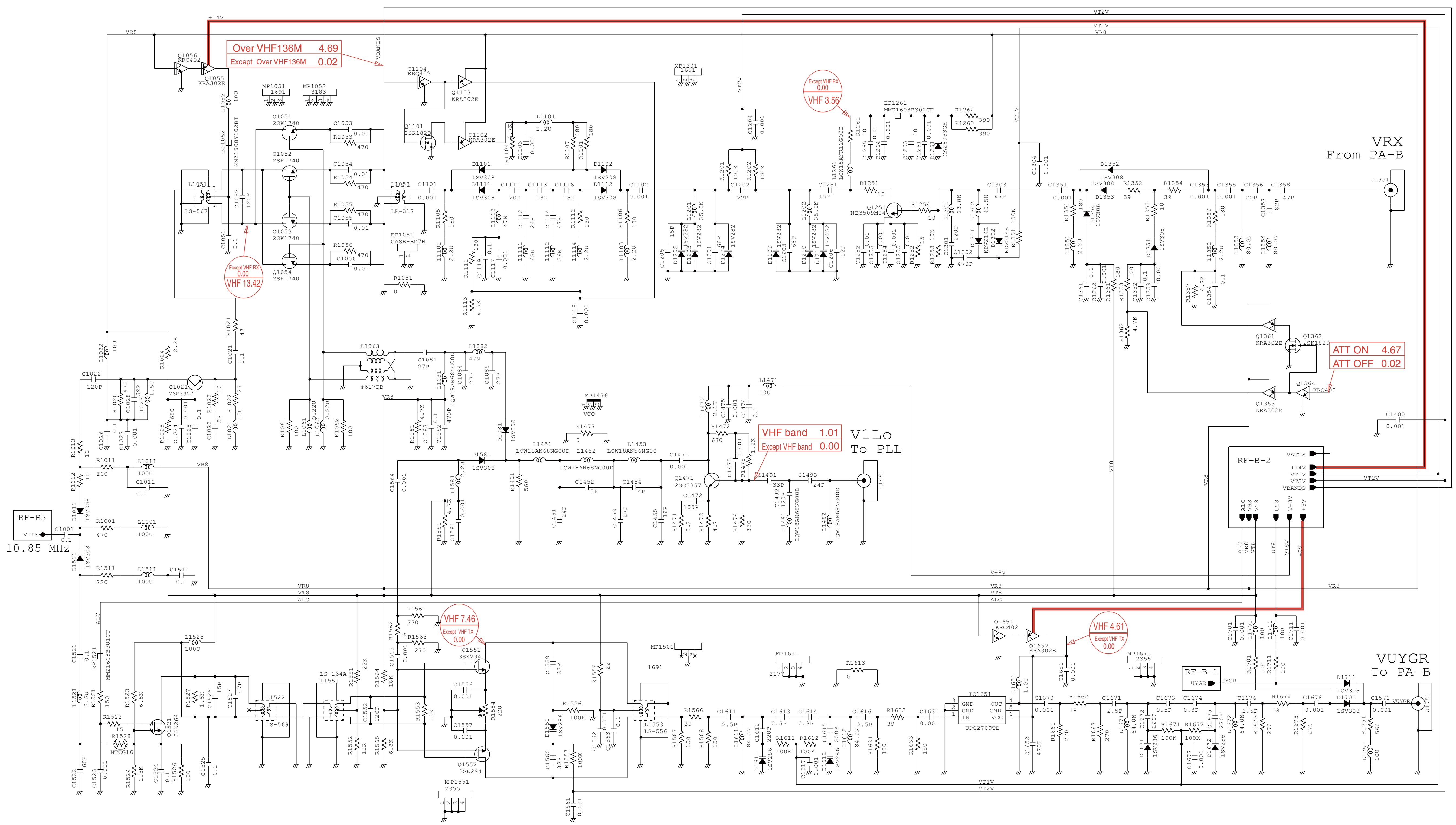
• **RF-B UNIT (RF-B-2)**



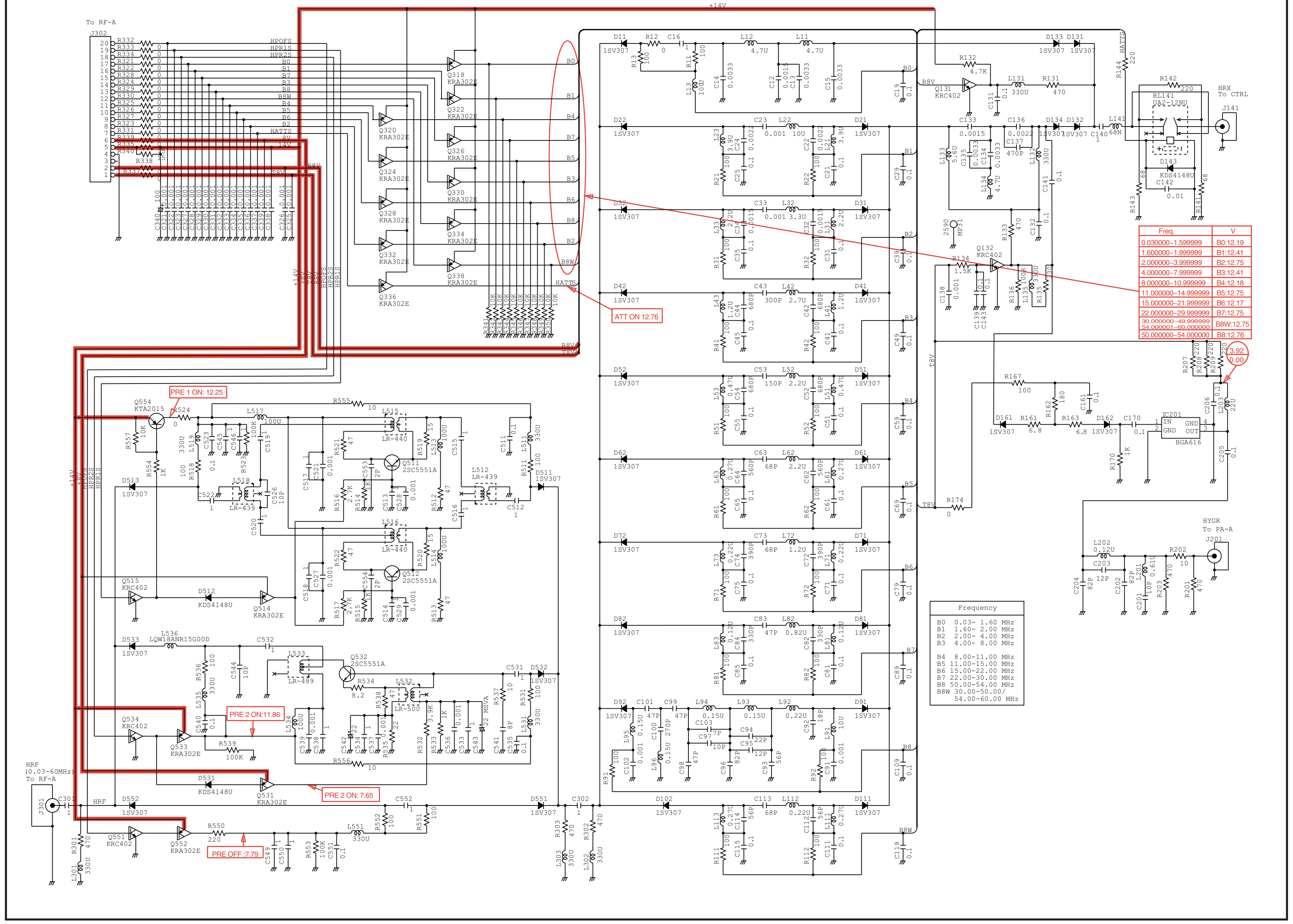
• RF-B UNIT (RF-B-3)



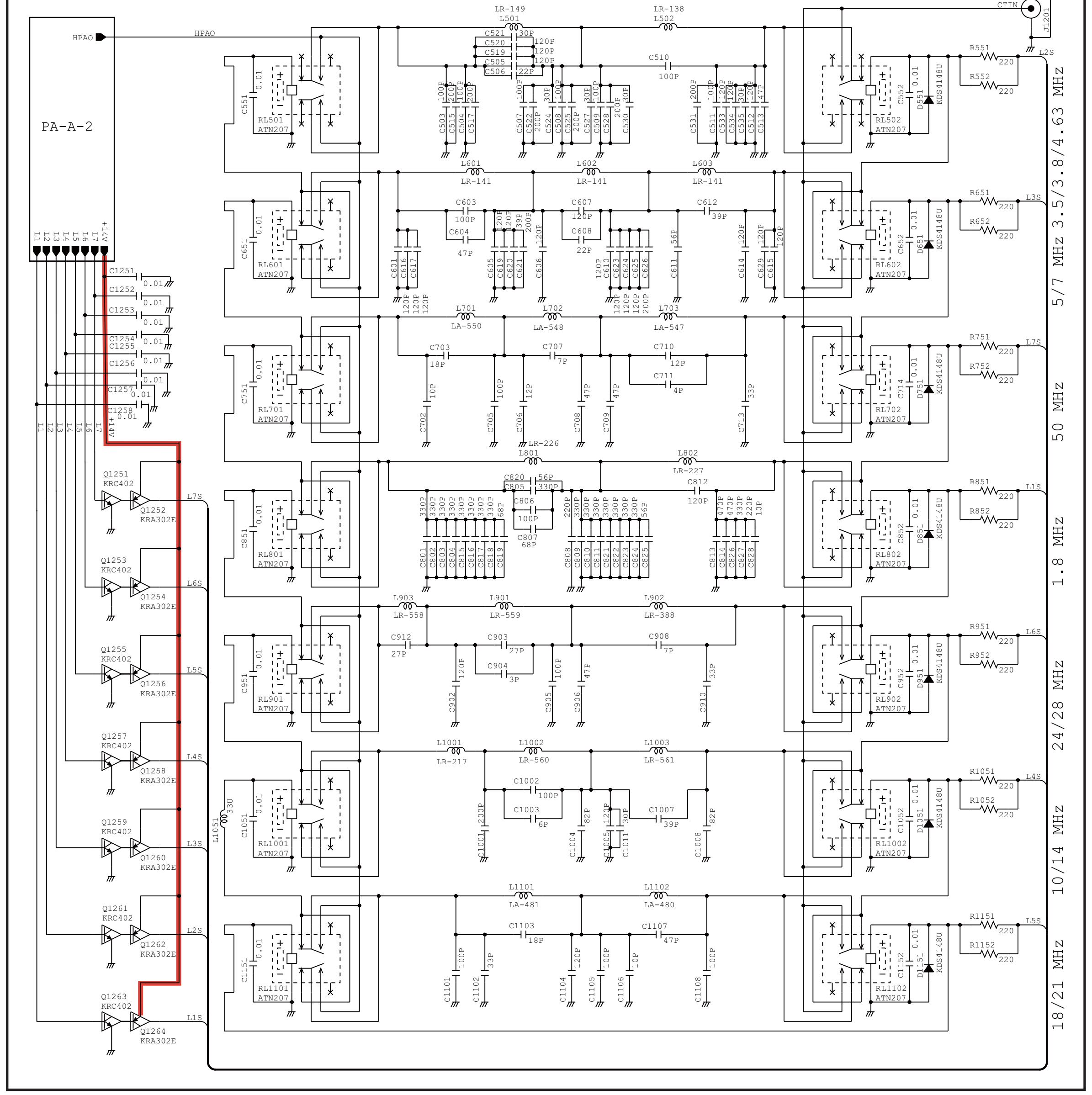
• RF-B UNIT (RF-B-4)



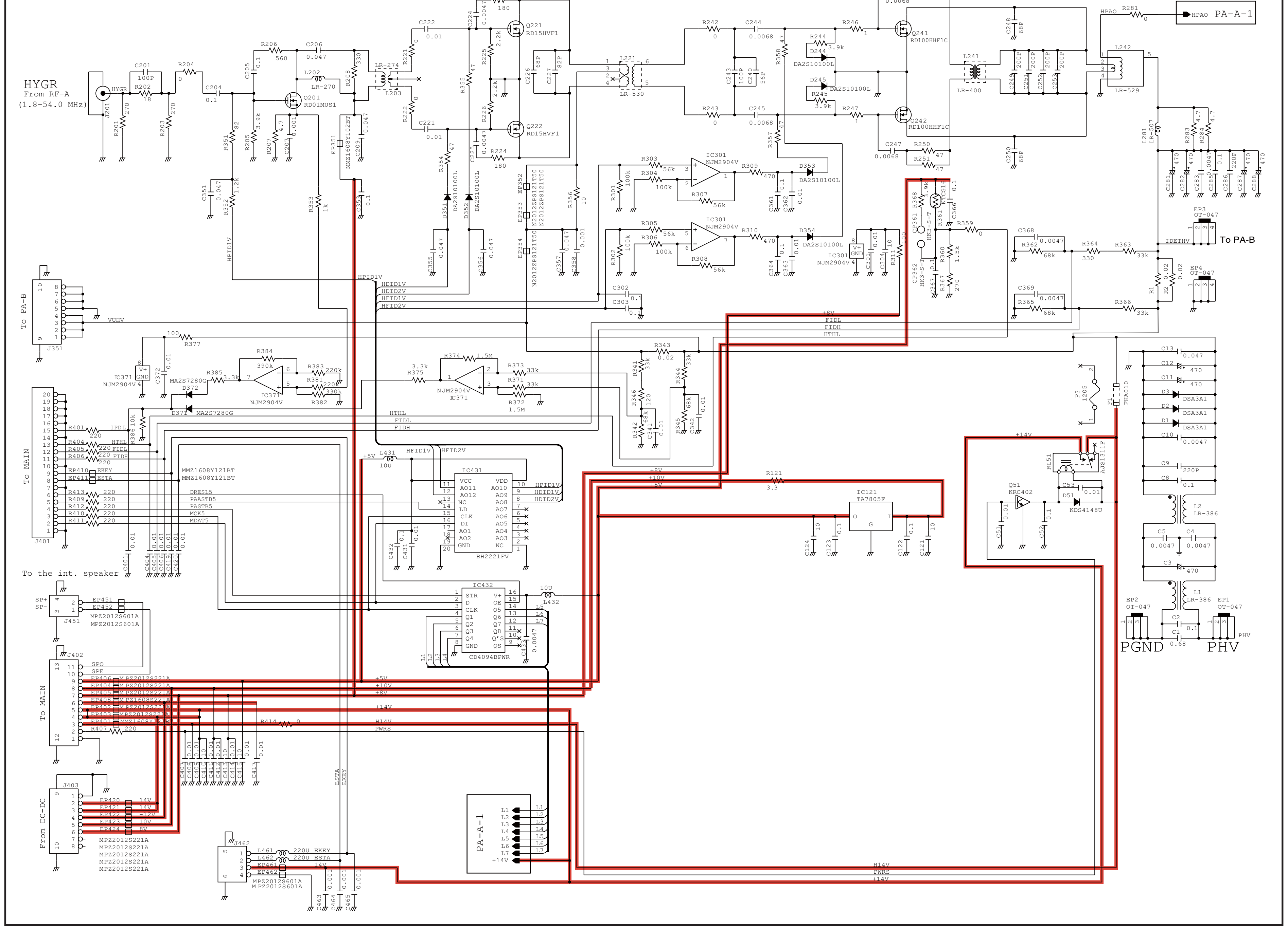
• BPF UNIT



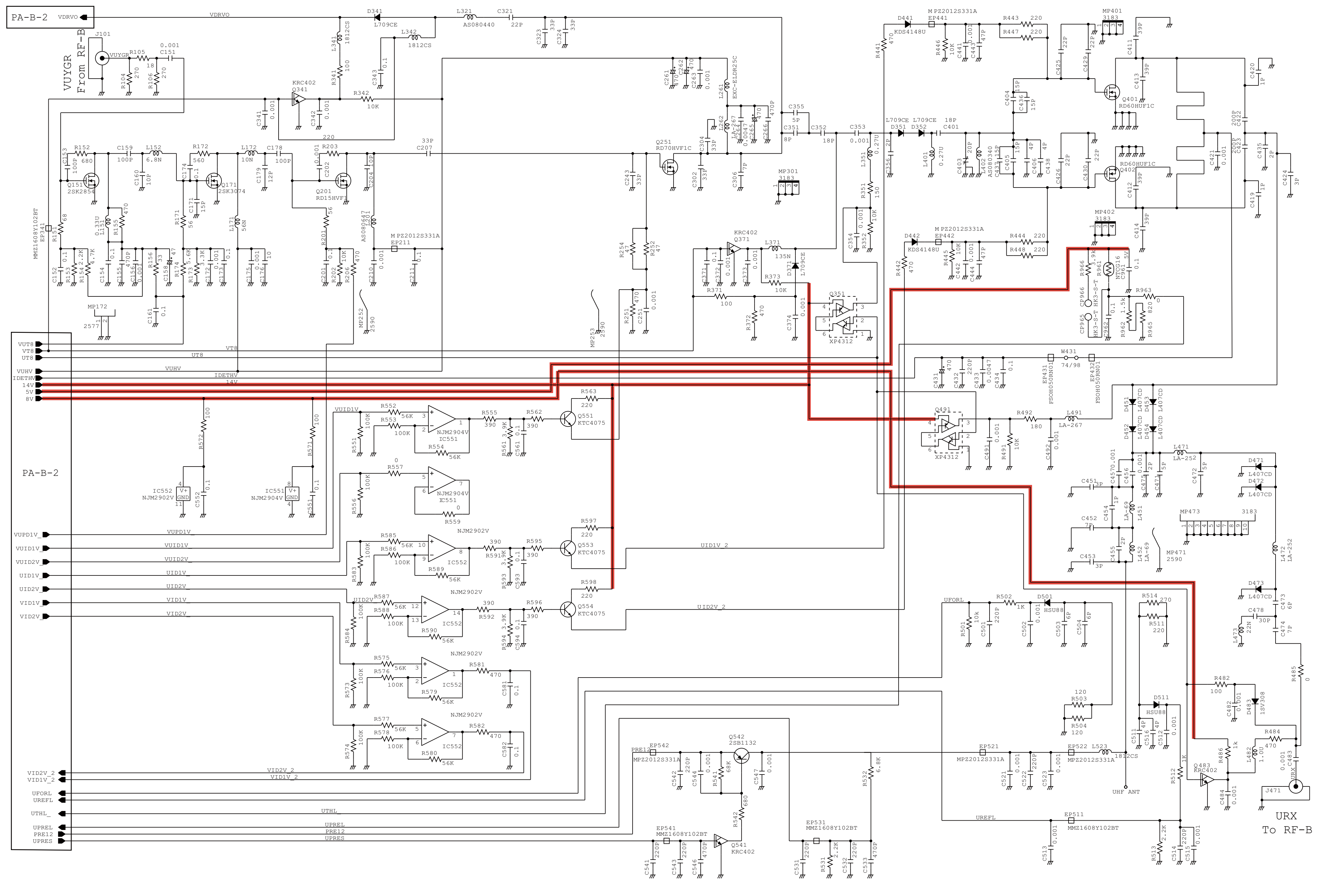
• PA-A UNIT (PA-A-1)



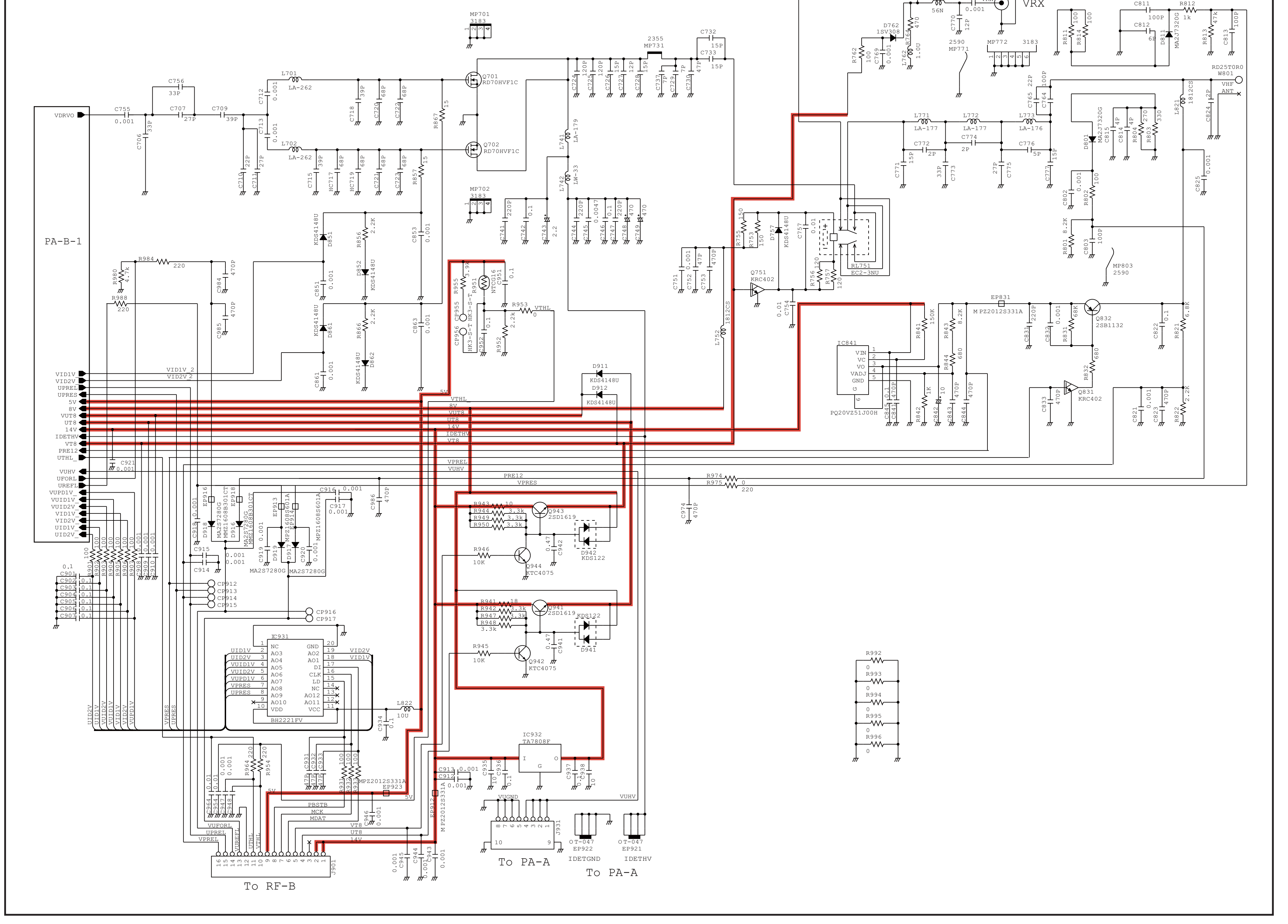
• PA-A UNIT (PA-A-2)



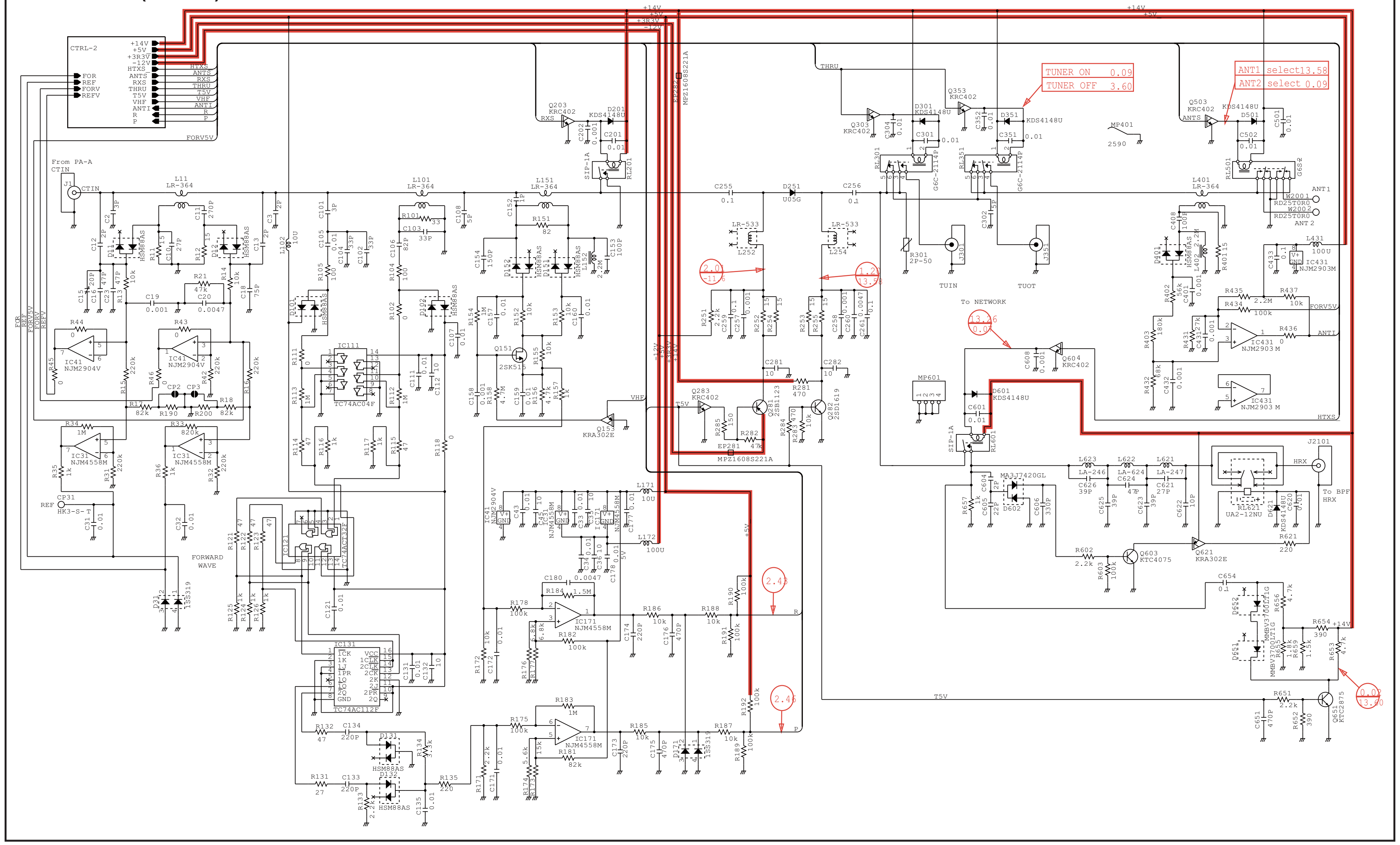
• PA-B UNIT (PA-B-1)



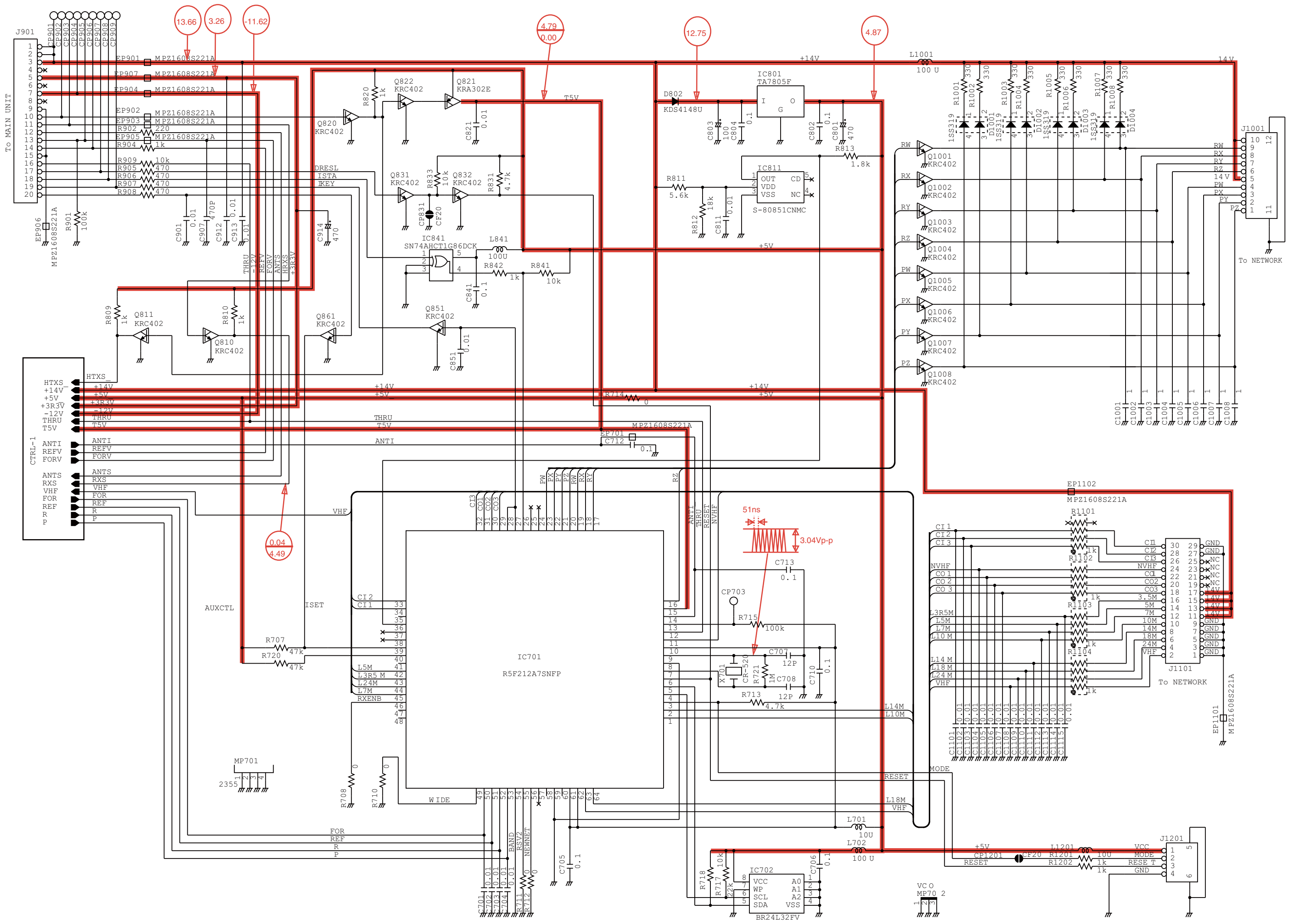
• PA-B UNIT (PA-B-2)



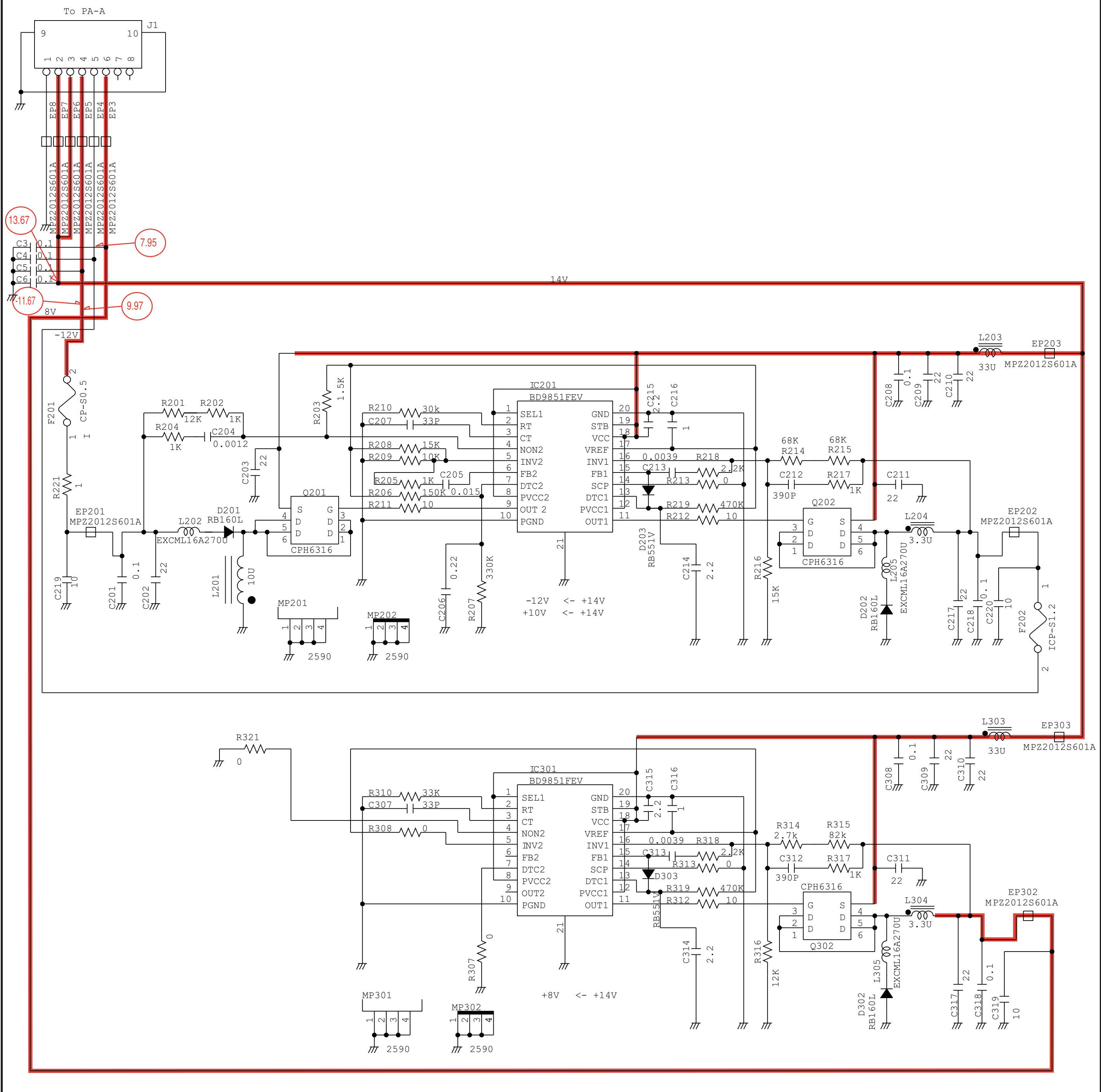
• CTRL UNIT (CTRL-1)



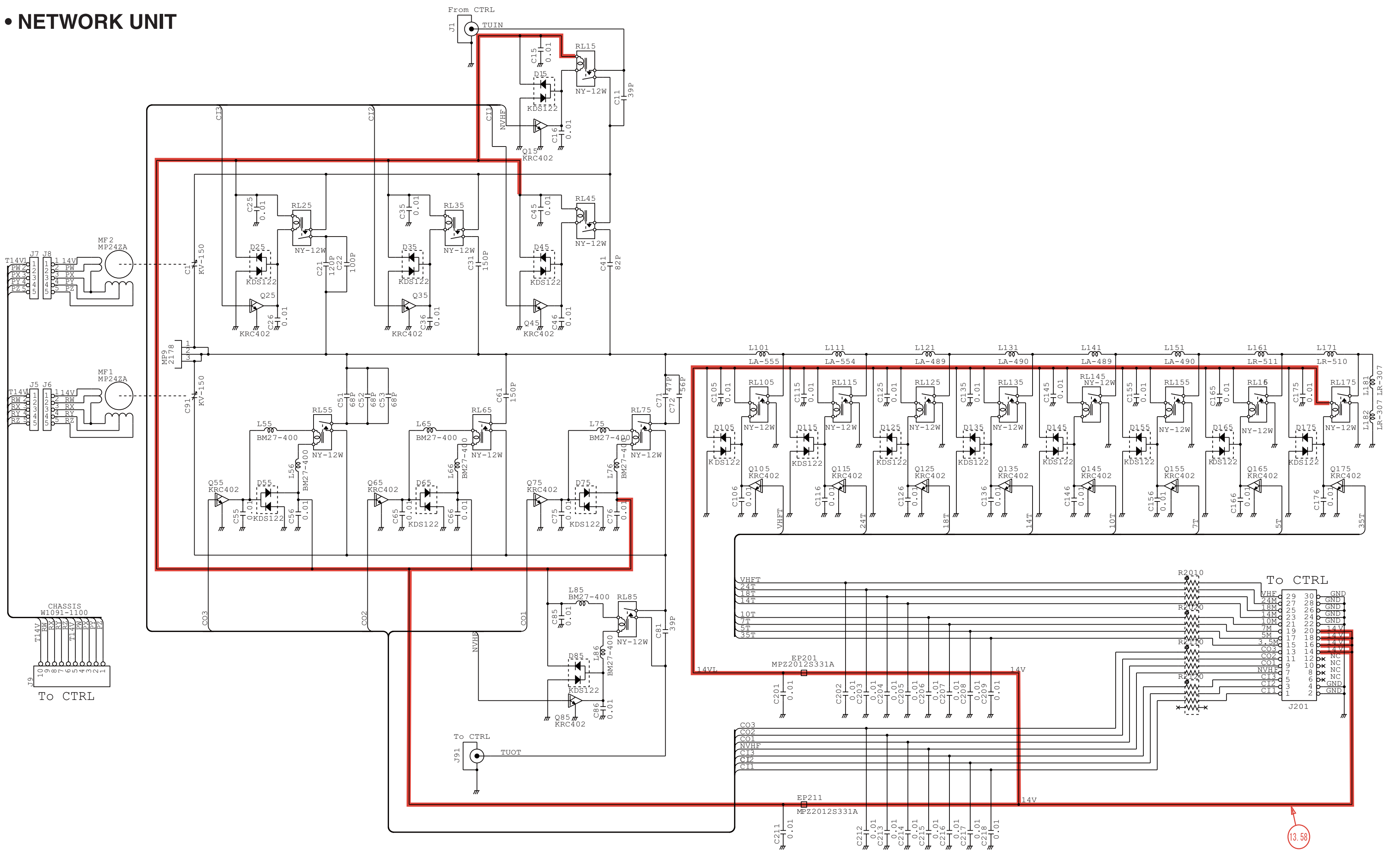
• CTRL UNIT (CTRL-2)



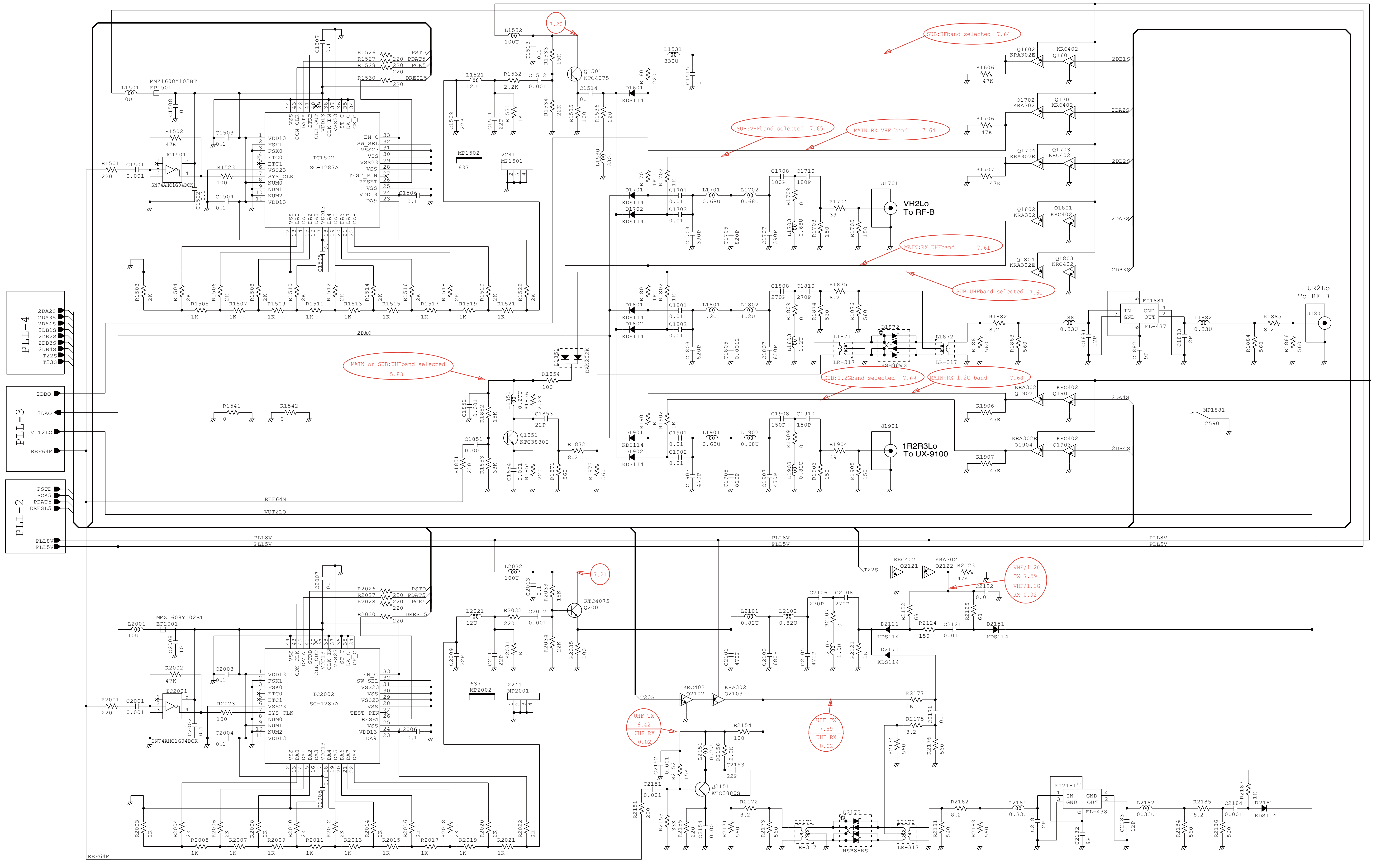
• DC-DC UNIT



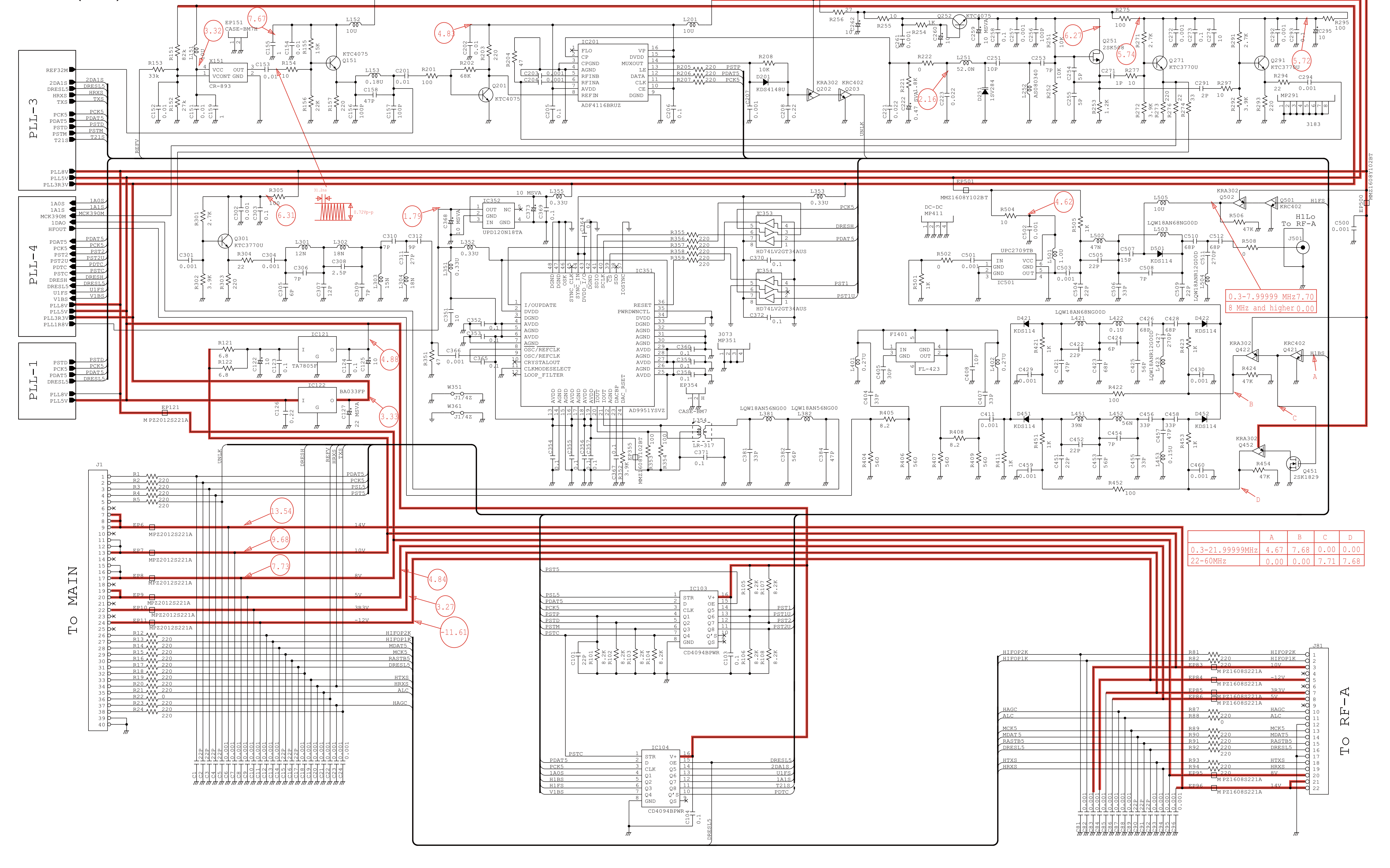
• **NETWORK UNIT**



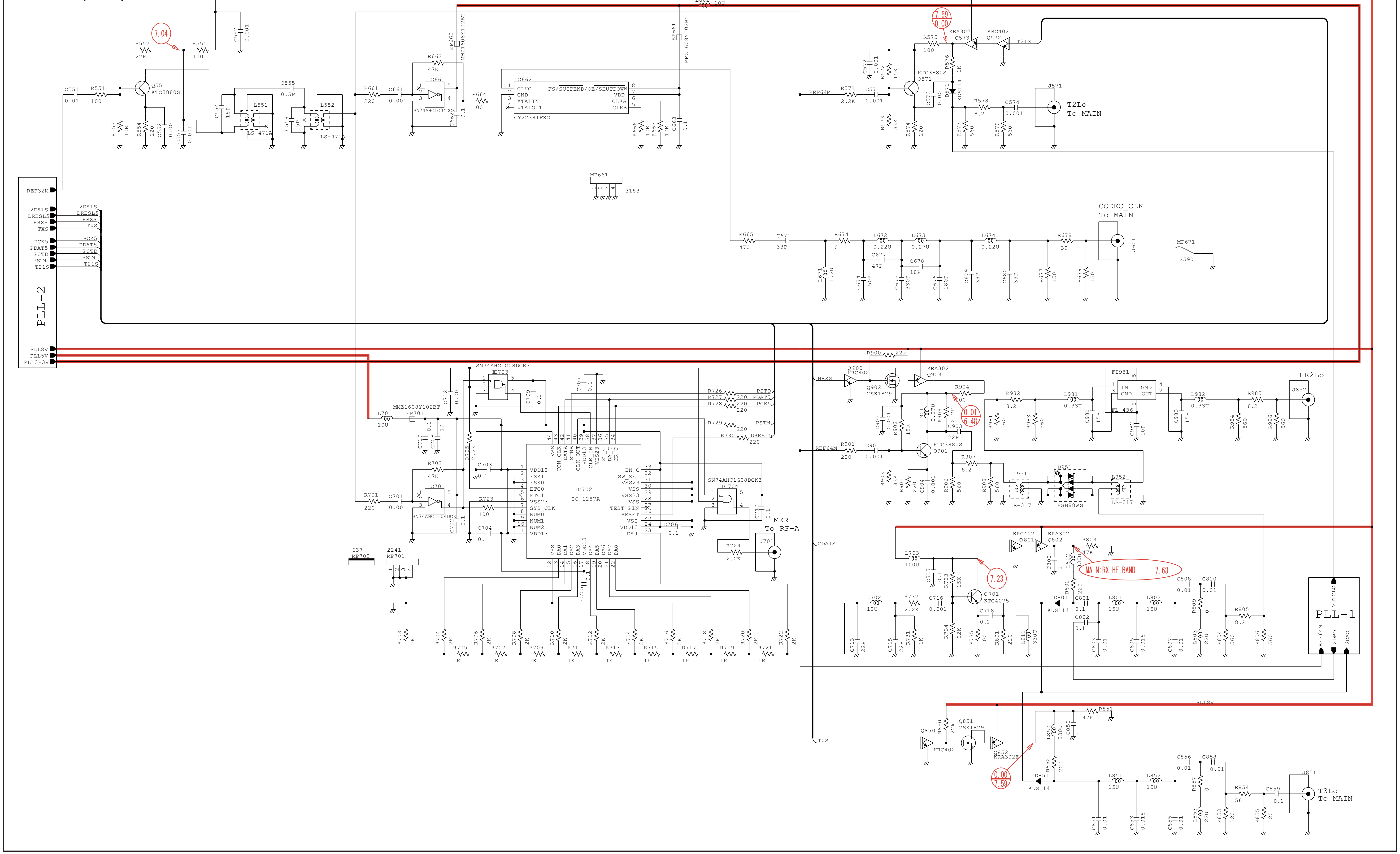
• PLL UNIT (PLL-1)



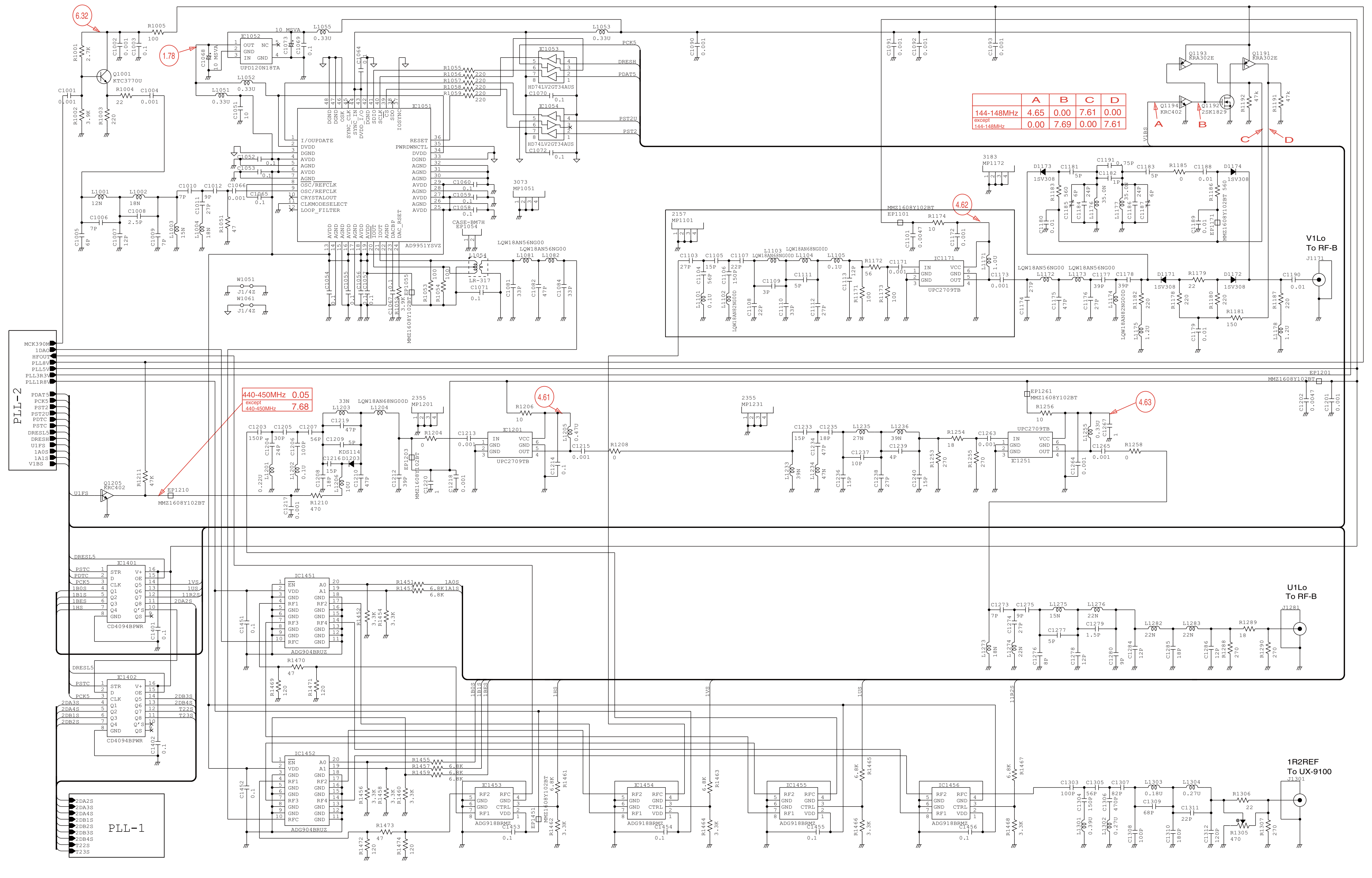
• PLL UNIT (PLL-2)



• PLL UNIT (PLL-3)



• PLL UNIT (PLL-4)



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